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ANALYTICAL REPORT

I07-056

Lot #: F7G120385
SDG #: SL702

Steve Trent

Fluor Hanford Inc
PO Box 1000
MSIN E6-35
Richland, WA 99352

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TESTAMERICA LABORATORIES, INC.



Michael C. Franks
Project Manager

August 24, 2007

Leaders in Environmental Testing

SDG# SL702

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STL**CASE NARRATIVE**

Pacific Northwest National Laboratories
P.O. Box 1970
Richland, Washington 99352
April 26, 2005
Attention: Dot Stewart

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SDG	:	SL702
Number of Samples	:	56 samples
Sample Matrix	:	Water
Data Deliverable	:	Summary
Date SDG Closed	:	July 26, 2007

II. Introduction

Between between July 12, 2007 and July 26, 2007, fifty six (56) samples water samples were received by STL- St. Louis for chemical analysis. The samples were received within temperature criteria. See the COC and CUR forms for documentation of any variations on receipt conditions and temperature. Upon receipt, the samples were given laboratory Ids to correspond with specific client Ids. Please refer to the Sample Summary sheets attached to this case narrative. This report is incomplete without the narrative.

III. Analytical Results/ Methodology

The analytical results for this report are presented by analytical test. Each set of data includes sample identification information, analytical results and the appropriate detection limits. All results are based upon samples as they were received, i.e. wet weight, unless otherwise noted on the data sheets. See the attached Methods Summary Form for the methods used in this SDG.

Deviation from Request: None

IV. Definitions

QCBLK-	Quality Control Blank, Method Blank
QCLCS-	Quality Control Laboratory Control Sample, Blank Spike
DUP-	Laboratory Duplicate
MS-	Matrix Spike
MSD-	Matrix Spike Duplicate

V. Comments**General**

The following SAFs are associated with this SDG: I07-056, I07-044, I07-043, S07-007, W07-007, S07-004, S07-005, I07-055, G07-006, I07-027, S07-006, and W07-005

The term "Detection Limit" used in the analytical data report refers to either the lab's standard reporting limits or contractually required reporting limits, whichever is applicable.

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MS/MSD/Dup analysis was done per the client requirements. Analytical batches that did not contain matrix QC were analyzed with a LCS/LCS duplicate.

Volatiles

For a large number of analytes in the LCS, it becomes statistically likely that a few will be outside the laboratory QC limits. Upper and lower marginal exceedance (ME) limits have been established to determine when corrective action is necessary. The number of allowable marginal exceedances is based on the number of analytes in the LCS.

LCS recoveries for Acetone, Carbon Disulfide, Chloroform, and 4-Methyl-2-pentanone in batch 7200645 are outside laboratory QC limits and qualified accordingly. Recoveries are within marginal exceedance limits, and within the number of analytes allowed.

The RPDs for Acetone, Carbon Disulfide, Chloroform, and 4-Methyl-2-pentanone in batch 7200645 are outside of the QC limits.

Affected Samples:

F7G130254 (1): B1N317

F7G130265 (1): B1NXL3

For a large number of analytes in the MS/MSD, it becomes statistically likely that a few will be outside the laboratory QC limits. Upper and lower marginal exceedance (ME) limits have been established to determine when corrective action is necessary. The number of allowable marginal exceedances is based on the number of analytes in the MS/MSD.

MS/MSD recoveries for Acetone, Carbon Disulfide, 4-Methyl-2-pentanone, and Tetrahydrofuran in batch 7200645 are outside laboratory QC limits and qualified accordingly. Recoveries are within marginal exceedance limits, and within the number of analytes allowed.

The MS/MSD RPD for Tetrahydrofuran is not within method acceptance criteria. MS/MSD recoveries are acceptable demonstrating good extraction performance in the sample matrix.

Affected Samples:

F7G130254 (1): B1N317

The surrogate recovery for Dibromofluoromethane in batch 7200645 for the associated sample is below the QC limit in the sample due to matrix interference.

Affected Samples:

F7G130254 (1): B1N317

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For a large number of analytes in the LCS/LCSD and MS/MSD, it becomes statistically likely that a few will be outside the laboratory QC limits. Upper and lower marginal exceedance (ME) limits have been established to determine when corrective action is necessary. The number of allowable marginal exceedances is based on the number of analytes in the LCS/LCSD and MS/MSD.

LCS/LCSD recoveries for Carbon Disulfide, 4-Methyl-2-pentanone, and 1,4-Dichlorobenzene in batch 7200651 were outside QC limits. Recoveries are within marginal exceedance limits, and within the number of analytes allowed. Neither analyte was detected above the reporting limit in the associated samples.

Affected Samples:

F7G130254 (1): B1N317
F7G130260 (2): B1NHC1
F7G170247 (1): B1NX26

F7G170249 (1): B1NXL5
F7G170250 (2): B1NY25

For a large number of analytes in the MS/MSD, it becomes statistically likely that a few will be outside the laboratory QC limits. Upper and lower marginal exceedance (ME) limits have been established to determine when corrective action is necessary. The number of allowable marginal exceedances is based on the number of analytes in the MS/MSD.

MS/MSD recoveries for Carbon Disulfide and 4-Methyl-2-pentanone in batch 7200651 are outside laboratory QC limits and qualified accordingly. Recoveries are within marginal exceedance limits, and within the number of analytes allowed.

The MS/MSD RPD for 1-Butanol is not within method acceptance criteria. MS/MSD recoveries are acceptable demonstrating good extraction performance in the sample matrix.

Affected Samples:

F7G130254 (1): B1N317
F7G130260 (2): B1NHC1
F7G170247 (1): B1NX26

F7G170249 (1): B1NXL5
F7G170250 (2): B1NY25

The associated sample in batch 7200651 was analyzed at dilution due to high concentrations of target analytes. The reporting limits have been adjusted only for those targets reported from the dilution run.

Affected Samples:

F7G130254 (1): B1N317

Sample surrogate recovery for Dibromofluoromethane in batch 7200651 is outside established QC limits. This excursion is attributed to a matrix interference which is physically evident in the sample. The sample has high levels of Carbon Tetrachloride which co-elutes with the surrogate and as a result the surrogate recovery is below the acceptable QC limit. The sample was diluted for Carbon Tetrachloride and the surrogate recovery is within acceptable limits in the diluted run.

Affected Samples:

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F7G170247 (1): B1NX26

There are some compound recoveries below the QC limits in the MS in batch 7205211 due to bad purge, which make the RPDs for some compounds outside of the QC limits. However the LCS/LCSD and MSD recoveries are acceptable.

Affected Samples:

F7G170250 (2): B1NY25

The associated samples in batch 7205211 were analyzed at a dilution due to high concentrations of target analytes. The reporting limits have been adjusted only for those targets reported from the dilution run.

Affected Samples:

F7G130260 (2): B1NHC1

F7G170247 (1): B1NX26

F7G170250 (2): B1NY25

The D% in the CCV for 2-Butanone, 1-Butanol, and 1,4-Dioxane in batch 7205220 was outside the Method criteria (greater than 20% D) indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples.

Affected Samples:

F7G180205 (1): B1M6N0

F7G180207 (1): B1NXL7

F7G190478 (3): B1NL80

F7G190478 (5): B1NL76

F7G190485 (1): B1NXM0

The D% in the CCV for 1,2-Dichloroethane, and 1-Butanol in batch 7213154 was outside the Method criteria (greater than 20% D) indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples.

Affected Samples:

F7G180205 (1): B1M6N0

The associated sample in batch 7213154 was analyzed at dilution due to high concentrations of target analytes. The reporting limits have been adjusted only for those targets reported from the dilution run.

Affected Samples:

F7G180205 (1): B1M6N0

The D% in the CCV for 1,2-Dichloroethane, and 1-Butanol in batch 7215157 was outside the Method criteria (greater than 20% D) indicating a potential high bias for those analytes in the

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samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples.

Affected Samples:

F7G210149 (1): B1NXM1

F7G230215 (2): B1NL53

For a large number of analytes in the LCSD, it becomes statistically likely that a few will be outside the laboratory QC limits. Upper and lower marginal exceedance (ME) limits have been established to determine when corrective action is necessary. The number of allowable marginal exceedances is based on the number of analytes in the LCSD.

The recovery for 1-Butanol in batch 7215157 failed high in the LCSD. It is not detected in the associated samples. Recoveries are within marginal exceedance limits, and within the number of analytes allowed.

Affected Samples:

F7G210149 (1): B1NXM1

F7G230215 (2): B1NL53

Diesel Range Organics

The Method Blank surrogate recovery is outside acceptance limits. Samples associated with this method blank demonstrated acceptable surrogate recoveries indicating the surrogate excursion is isolated to the method blank and not indicative of the batch.

Affected Samples:

F7G130260 (2): B1NHC1

Gasoline Range Organics

The Continuing Calibration Surrogate recoveries were outside of the upper QC limits. The samples associated with this Continuing Calibration had surrogate recoveries within the established QC limits.

Affected Samples:

F7G130260 (2): B1NHC1

The MS/MSD Surrogate recoveries and LCS Surrogate recovery are outside acceptance limits. MS/MSD spike recoveries and LCS spike recovery are within QC limits demonstrating acceptable sample extraction and instrument performance. There is an apparent anomaly in the surrogate addition, isolated to the MS/MSD and LCS and not indicative of the batch.

Affected Samples:

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F7G130260 (2): B1NHC1

ICP Metals

The sample in batch 7198243 was analyzed at a dilution due to high concentrations of the target analyte Calcium. The reporting limit has been adjusted only for those targets reported from the dilution run.

Affected Samples:

F7G130260 (1): B1NHC0

The samples in batch 7204270 F7G190487 were analyzed at a dilution due to high concentrations of the target analyte Calcium, except F7G190487-004 analyzed at a dilution due to high concentrations of Calcium, Magnesium, and Sodium. The reporting limit has been adjusted only for those targets reported from the dilution run.

Affected Samples:

F7G170250 (1): B1NY24
F7G170250 (8): B1NY54
F7G180212 (9): B1NY00
F7G190478 (2): B1NL79

F7G190478 (4): B1NL75
F7G190487 (2): B1N5T2
F7G210151 (1): B1NY80

The samples in batch 7205274 were analyzed at a dilution due to high concentrations of the target analyte Calcium. The reporting limit has been adjusted for the dilution since no analysis at a lesser dilution was performed.

Affected Samples:

F7G230215 (1): B1NL52
F7G230215 (3): B1NL87
F7G230215 (5): B1NL83

Total Cyanide

There was insufficient sample to perform sample, spike, and duplicate for Cyanide in batch 7204172. A sample and spike was performed. The method requires two checks (LCS and HCS) thus method performance is shown.

Affected Samples:

F7G190487 (1): B1N4T3

The MS recovery for Cyanide in batch 7204172 is outside the established QC limits. The analyte concentration in the original sample is greater than four times the amount spiked, making percent recovery information ineffective. Method performance is demonstrated by acceptable LCS recovery.

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Affected Samples:

F7G190487 (1): B1N4T3

Ammonia

The MS recovery for Ammonia in batch 7198128 is outside the established QC limits. A matrix interference is physically evident in the sample. Method performance is demonstrated by acceptable LCS recovery.

Affected Samples:

F7G130260 (2): B1NHC1

Phenol

The LCS recovery for Phenol batch in 7205111 is outside the upper QC limit, indicating a potential positive bias for that analyte. The analyte was not observed above the reporting limit in the associated samples; therefore the sample data was not adversely affected by this excursion.

Affected Samples:

F7G130260 (2): B1NHC1

TOX

TOX was observed in the method blank in batch 7218057 above the reporting limit. Associated samples which are either non-detect for the contaminant or exhibit concentrations greater than ten (10) times the concentrations observed in the method blank, do not require re-analysis.

Affected Samples:

F7G180212 (3): B1NY21

F7G230216 (1): B1NM75

F7G180212 (4): B1NY22

F7G230216 (2): B1NM76

The TOX samples in batch 7219092 had to be re-prepped and re-analyzed due to CCV failure. The samples had headspace which allows the volatile component in the samples to react with air affecting results.

Affected Samples:

F7G130260 (2): B1NHC1

F7G180212 (8): B1NXY9

F7G180212 (5): B1NXY4

F7G230216 (3): B1NM77

F7G180212 (6): B1NXY5

F7G230216 (4): B1NM78

F7G180212 (7): B1NXY6

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Ion Chromatography

Nitrate was observed in the CCB in batch 7194334 above the reporting limit. Associated samples which are either non-detect for the contaminant or exhibit concentrations greater than ten (10) times the concentrations observed in the method blank, do not require re-analysis.

Affected Samples:

F7G120385 (1): B1NX11

The MS recovery for Chloride in batch 7204077, Fluoride in batch 7204078, Sulfate in batch 7204079, Nitrite in batch 7204080, Nitrate in batch 7204081 and Orthophosphate in batch 7204082 is outside the established QC limits. A matrix interference is physically evident in the sample. Method performance is demonstrated by acceptable LCS recovery.

Affected Samples:

F7G180203 (1): B1NJ25

F7G180203 (3): B1NJ17

F7G180203 (2): B1NJ16

F7G180207 (2): B1NX79

The CCV recovery was outside the upper QC limit (greater than 110%) for Orthophosphate in batch 7204082 indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples.

The LCS/LCSD recovery for Orthophosphate in batch 7204082 is outside the upper QC limit, indicating a potential positive bias for that analyte(s). The analyte(s) were not observed above the reporting limit in the associated samples; therefore the sample data was not adversely affected by this excursion.

The sample duplicate %RPD for Orthophosphate in batch 7204082 is outside the established QC limits. A matrix interference is physically evident in the sample.

Affected Samples:

F7G180203 (1): B1NJ25

F7G180203 (2): B1NJ16

F7G180203 (3): B1NJ17

The anion matrix spike solution contains all routine anions. Spiking technique, sample preparation and method compliance is demonstrated by the remaining acceptable MS recoveries. Poor matrix spike recovery for Fluoride in batch 7204057, Nitrite in batch 7204059, and Nitrate in batch 7204060 is attributed to matrix interference.

The sample duplicate %RPD for Nitrate in batch 7204060 is outside the established QC limits. A matrix interference is evident in the sample. Method performance is demonstrated by acceptable LCS recovery.

Affected Samples:

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F7G190478 (3): B1NL80
F7G190478 (5): B1NL76
F7G190487 (1): B1N4T3

The sample in batch 7204059 was analyzed at a dilution for Nitrite due to high concentrations of target analytes. The reporting limit has been adjusted only for those targets reported from the dilution run.

Affected Samples:

F7G190487 (1): B1N4T3

The MS recovery for Chloride in batch 7205378, Fluoride in batch 7205379, Sulfate in batch 7205380 and Nitrate in batch 7205381 is outside the established QC limits. A matrix interference is evident in the sample. Method performance is demonstrated by acceptable LCS recovery.

Affected Samples:

F7G210149 (2): B1NX88
F7G210154 (2): B1MR07
F7G230215 (2): B1NL53

F7G230215 (4): B1NL88
F7G230215 (6): B1NL84

The sample duplicate %RPD for Nitrite in batch 7207127 is outside the established QC limits. A matrix interference is evident in the sample. Method performance is demonstrated by acceptable LCS recovery.

Affected Samples:

F7G230215 (4): B1NL88

The anion matrix spike solution contains all routine anions. Spiking technique, sample preparation and method compliance is demonstrated by the remaining acceptable MS recoveries. Poor matrix spike recovery for Fluoride in batch 7208110, Nitrite in batch 7208112 and Sulfate in batch 7208116 is attributed to matrix interference.

The sample duplicate %RPD for Nitrite in batch 7208112 is outside the established QC limits. A matrix interference is evident in the sample. Method performance is demonstrated by acceptable LCS recovery.

Affected Samples:

F7G260301 (1): B1N3P7

The samples were originally analyzed within hold time, but due to CCV failure the samples had to be re-analyzed out of hold time. The results analyzed outside hold time are reported in batch 7211232 for Nitrite.

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The samples in batch 7211232 were analyzed at a dilution for Nitrite due to high concentrations of target analytes. The reporting limit has been adjusted only for those targets reported from the dilution run.

Affected Samples:

F7G210149 (2): B1NX88

F7G230215 (2): B1NL53

F7G210154 (2): B1MR07

F7G230215 (6): B1NL84

There were no observations or nonconformances to report for the following analyses:

Alkalinity

ICP-MS Metals

Mercury

Semi-Volatiles

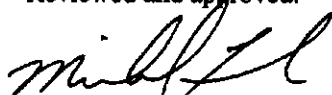
Phenols

Sulfide

Total Organic Carbon

I certify that this Summary Package is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. The Laboratory Manager or a designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Reviewed and approved:



Michael Franks
St. Louis Project Manager

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METHODS SUMMARY

SL702

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Alkalinity	MCAWW 310.1	MCAWW 310.1
Chloride	MCAWW 300.0A	MCAWW 300.0A
Extractable Petroleum Hydrocarbons	SW846 8015 MOD	SW846 3510
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
ICP-MS (6020)	SW846 6020	
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Nitrate as NO ₃	MCAWW 300.0A	
Nitrite as N	MCAWW 300.0A	MCAWW 300.0A
Nitrogen, Ammonia	MCAWW 350.1	MCAWW 350.1
Phenolics	MCAWW 420.2	MCAWW 420.2
Phenols by GC	SW846 8040A	SW846 3520
Phosphate as P, Ortho	MCAWW 300.0A	MCAWW 300.0A
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3510C
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Sulfide	SW846 9030	
Total Cyanide	SW846 9012	SW846 9012
Total Organic Carbon	SW846 9060	SW846 9060
Total Organic Halogens	SW846 9020B	SW846 9020B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Petroleum Hydrocarbons	SW846 8015 MOD	SW846 5030

References:

- MCAWW "Methods for Chemical Analysis of Water and Wastes",
EPA-600/4-79-020, March 1983 and subsequent revisions.
- SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical
Methods", Third Edition, November 1986 and its updates.

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SAMPLE SUMMARY

SL702 : F7G120385

WO #	SAMPLE#	CLIENT	SAMPLE ID	SAMPLED DATE	SAMP TIME
J2RVE	001	B1NX11		07/11/07	11:54

NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

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SAMPLE SUMMARY

SL702 : F7G130254

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
J2VNC	001	B1N317	07/12/07	09:23

NOTE(S) :

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SAMPLE SUMMARY

SL702 : F7G130260

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J2VPK	001	B1NHC0	07/12/07	11:14
J2VP1	002	B1NHC1	07/12/07	11:14

NOTE(S) :

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SAMPLE SUMMARY

SL702 : F7G130265

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
J2VQ1	001	B1NXL3	07/12/07	09:23

NOTE(S) :

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SAMPLE SUMMARY

SL702 : F7G170247

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
J22LE	001	B1NX26	07/16/07	09:46

NOTE(S) :

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SAMPLE SUMMARY

SL702 : F7G170249

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J22LF	001	B1NXL5	07/16/07	09:46

NOTE(S) :

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- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
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SAMPLE SUMMARY**SL702 : F7G170250**

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
J22LK	001	B1NY24	07/16/07	11:20
J22LM	002	B1NY25	07/16/07	11:20
J22LR	003	B1NY57	07/16/07	13:42
J22LV	004	B1NY50	07/16/07	12:44
J22LW	005	B1NY51	07/16/07	12:44
J22LX	006	B1NY52	07/16/07	12:44
J22L1	007	B1NY53	07/16/07	12:44
J22L3	008	B1NY54	07/16/07	12:44

NOTE (S) :

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(Continued on next page)

RECEIVED AUGUST 24, 2007

SAMPLE SUMMARY

SL702 : F7G170298

WO #	SAMPLE#	CLIENT	SAMPLE ID	SAMPLED DATE	SAMP TIME
J221T	001	B1NWX7		07/16/07	12:44
J221X	002	B1NX01		07/16/07	13:42

NOTE(S) :

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(Continued on next page)

RECEIVED AUGUST 24, 2007

SAMPLE SUMMARY

SL702 : F7G180203

WO #	SAMPLE#	CLIENT	SAMPLE ID	SAMPLED DATE	SAMP TIME
J24GT	001	B1NJ25		07/17/07	10:33
J24G2	002	B1NJ16		07/17/07	09:34
J24G8	003	B1NJ17		07/17/07	09:34

NOTE(S) :

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- Results noted as "ND" were not detected at or above the stated limit.
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(Continued on next page)

RECEIVED AUGUST 24, 2007

SAMPLE SUMMARY

SL702 : F7G180205

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
J24HG	001	B1M6N0	07/17/07	10:33

NOTE (S) :

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(Continued on next page)

RECEIVED AUGUST 24, 2007

SAMPLE SUMMARY

SL702 : F7G180207

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J24HP	001	B1NXL7	07/17/07	10:33
J24HW	002	B1NX79	07/17/07	09:16

NOTE (S) :

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(Continued on next page)

RECEIVED AUGUST 24, 2007

SAMPLE SUMMARY

SL702 : F7G180212

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J24H5	001	B1NY19	07/17/07	14:05
J24JA	002	B1NY20	07/17/07	14:05
J24JE	003	B1NY21	07/17/07	14:05
J24JF	004	B1NY22	07/17/07	14:05
J24JL	005	B1NXY4	07/17/07	12:35
J24JT	006	B1NXY5	07/17/07	12:35
J24J0	007	B1NXY6	07/17/07	12:35
J24J1	008	B1NXY9	07/17/07	12:35
J24J6	009	B1NY00	07/17/07	12:35

NOTE(S) :

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(Continued on next page)

RECEIVED AUGUST 24, 2007

SAMPLE SUMMARY

SL702 : F7G190478

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J271K	001	B1NKJ0	07/18/07	12:51
J271M	002	B1NL79	07/18/07	11:34
J271P	003	B1NL80	07/18/07	11:34
J271T	004	B1NL75	07/18/07	10:50
J271V	005	B1NL76	07/18/07	10:50

NOTE(S) :

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(Continued on next page)

RECEIVED AUGUST 24, 2007

SAMPLE SUMMARY

SL702 : F7G190485

WO #	SAMPLE#	CLIENT	SAMPLE ID	SAMPLED DATE	SAMP TIME
J273V	001	BLNXMO		07/18/07	10:50

NOTE(S) :

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(Continued on next page)

RECEIVED AUGUST 24, 2007

SAMPLE SUMMARY

SL702 : F7G190487

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
J274T	001	B1N4T3	07/18/07	11:50
J2741	002	B1N5T2	07/18/07	11:50

NOTE(S) :

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(Continued on next page)

RECEIVED AUGUST 24, 2007

SAMPLE SUMMARY

SL702 : F7G210149

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT</u>	<u>SAMPLE ID</u>	<u>SAMPLED</u> <u>DATE</u>	<u>SAMP</u> <u>TIME</u>
J3CTH	001	B1NXM1		07/20/07	12:20
J3CTL	002	B1NX88		07/20/07	08:24

NOTE(S) :

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- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

RECEIVED AUGUST 24, 2007

SAMPLE SUMMARY

SL702 : F7G210151

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
J3CTT	001	B1NY80	07/20/07	10:36

NOTE(S) :

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(Continued on next page)

RECEIVED AUGUST 24, 2007

SAMPLE SUMMARY**SL702 : F7G210154**

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT</u>	<u>SAMPLE ID</u>	<u>SAMPLED</u> <u>DATE</u>	<u>SAMP</u> <u>TIME</u>
J3CVM	001	B1MR06		07/20/07	11:00
J3CV5	002	B1MR07		07/20/07	11:00

NOTE(S) :

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(Continued on next page)

RECEIVED AUGUST 24, 2007

SAMPLE SUMMARY

SL702 : F7G230215

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J3E0Q	001	B1NL52	07/20/07	12:30
J3E0V	002	B1NL53	07/20/07	12:30
J3E0W	003	B1NL87	07/20/07	11:49
J3E0X	004	B1NL88	07/20/07	11:49
J3E00	005	B1NL83	07/20/07	12:32
J3E01	006	B1NL84	07/20/07	12:32

NOTE(S) :

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(Continued on next page)

RECEIVED AUGUST 24, 2007

SAMPLE SUMMARY

SL702 : F7G230216

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J3E03	001	B1NM75	07/20/07	08:27
J3E04	002	B1NM76	07/20/07	08:27
J3E05	003	B1NM77	07/20/07	08:27
J3E06	004	B1NM78	07/20/07	08:27

NOTE(S) :

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(Continued on next page)

RECEIVED AUGUST 24, 2007

SAMPLE SUMMARY

SL702 : F7G260301

WO #	SAMPLE#	CLIENT	SAMPLE ID	SAMPLED DATE	SAMP TIME
J3MLP	001	B1N3P7		07/25/07	11:08

NOTE(S) :

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[illegible]

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results Quick Help

Tracking number	791341286091	Reference	SAWS-115
Signed for by	S.WILSON	Destination	Earth City, MO
Ship date	Jul 11, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 12, 2007 8:52 AM	Service type	Priority Overnight
		Weight	61.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time	Activity	Location	Details
Jul 12, 2007	8:52 AM Delivered	Earth City, MO	
	7:32 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	6:42 AM At local FedEx facility	EARTH CITY, MO	
	5:34 AM At dest sort facility	BERKELEY, MO	
	3:48 AM Departed FedEx location	MEMPHIS, TN	
Jul 11, 2007	5:45 PM Left origin	PASCO, WA	
	4:11 PM Picked up	PASCO, WA	
	4:01 PM Package data transmitted to FedEx		



Subscribe to tracking updates (optional)

Your Name: Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or non-English characters.

☐ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

STL

RECEIVED AUGUST 24, 2007

Lot #(s):

F76120208

- 1904 -

212
385

Client:

Hanford

COC/RFA No:

Condition Upon Receipt Form

See below

Date:

7/12/07

Quote No:

7-996-15434

Initiated By:

BD

Time:

0845

Shipping Information

Shipper Name:

FE

Shipping # (s):*

1. 7425 1993 1083

2. 7413 4128 6041

3.

4.

5.

6.

7.

8.

9.

10.

Multiple Packages

Y

N

Sample Temperature (s):**

1. 2

2. 2

3.

4.

5.

6.

7.

8.

9.

10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Conditions Circle "Y" for yes, "N" for no and "N/A" for not applicable:

1.	Y (N)	Was sample received broken?	8.	Y (N)	Sample received with Chain of Custody?
2.	Y (N) N/A	Was sample received with proper pH? (If not, make note below)	9.	Y (N)	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A-Was pH taken by original STL Lab?	10.	Y (N)	Are there custody seals present on cooler?
4.	Y (N)	Sample received in proper containers?	11.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?
5.	Y (N)	Sample volume sufficient for analysis?	12.	Y (N)	Are there custody seals present on bottles?
6.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
7.	Y (N)	Were contents of cooler frisked after opening, but before unpacking?	14.	Y N	Was Internal COC/Workshare received?

For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes: 1. W07-007-145, 151, 507-006-230, 494

2. W07-007-61, 107-056-4

Corrective Action:

☐ Client Contact Name:

Informed by:

☐ Sample(s) processed "as is"☐ Sample(s) on hold until:

If released, notify:

Project Management Review:

Date:

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

ADMIN-0004, REVISED 04/18/07\SLvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

[illegible]

Relinquished By Fluor Hanford D. R. BREWINGTON	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time JUL 12 2007	Received By FEDEX	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time 7/13/07	Matrix *
Relinquished By FEDEX			Date/Time	Received By <i>[Signature]</i>			Date/Time 09:5	S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air DS = Drums Solid DM = Drums Liquid T = Tissue WI = Wine L = Liquid V = Vegetation X = Other
Relinquished By			Date/Time	Received By			Date/Time	
Relinquished By			Date/Time	Received By			Date/Time	
FINAL SAMPLE DISPOSITION				Disposal Method (e.g., Return to customer, per lab procedure, used in process)				Disposed By
								Date/Time

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results [Quick Help](#)

Tracking number	798717263140	Reference	SML-442
Signed for by	A.BURUSON	Destination	Earth City, MO
Ship date	Jul 12, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 13, 2007 9:13 AM	Service type	Priority Overnight
		Weight	88.0 lbs.

Status Delivered

Signature image
available Yes

Date/Time	Activity	Location	Details
Jul 13, 2007	9:13 AM Delivered	Earth City, MO	
	7:36 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	6:58 AM At local FedEx facility	EARTH CITY, MO	
	5:19 AM At dest sort facility	BERKELEY, MO	
	4:41 AM Departed FedEx location	MEMPHIS, TN	
	1:00 AM Arrived at FedEx location	MEMPHIS, TN	
Jul 12, 2007	5:38 PM Left origin	PASCO, WA	
	4:04 PM Picked up	PASCO, WA	
	3:17 PM Package data transmitted to FedEx		



Subscribe to tracking updates (optional)

Your Name: Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or
non-English characters.☐ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

STLRECEIVED AUGUST 24, 2007 Lot #(s):
- 1622 -E-76130254
260
265

Condition Upon Receipt Form

Client: Hanford COC/RFA No: _____ Date: 7/13/07
Quote No: 584475865 Initiated By: BA Time: 0915

Shipping Information

Shipper Name: FE

Shipping # (s):*

Multiple Packages Y (N)
Sample Temperature (s):**

1. <u>7987 1726 3140</u>	6. _____	1. <u>2</u>	6. _____
2. _____	7. _____	2. _____	7. _____
3. _____	8. _____	3. _____	8. _____
4. _____	9. _____	4. _____	9. _____
5. _____	10. _____	5. _____	10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition: Circle "Y" for yes, "N" for no and "N/A" for not applicable:

1. <u>(Y)</u> <u>(N)</u>	Was sample received broken?	8. <u>(Y)</u> <u>(N)</u>	Sample received with Chain of Custody?
2. <u>(Y)</u> <u>(N)</u> <u>N/A</u>	Was sample received with proper pH ¹ ? (If not, make note below)	9. <u>(Y)</u> <u>(N)</u>	Chain of Custody matches sample ID's on container(s)?
3. <u>(Y)</u> <u>(N)</u>	If N/A-Was pH taken by original STL Lab?	10. <u>(Y)</u> <u>(N)</u>	Are there custody seals present on cooler?
4. <u>(Y)</u> <u>(N)</u>	Sample received in proper containers?	11. <u>(Y)</u> <u>(N)</u> <u>N/A</u>	Do custody seals on cooler appear to be tampered with?
5. <u>(Y)</u> <u>(N)</u>	Sample volume sufficient for analysis?	12. <u>(Y)</u> <u>(N)</u>	Are there custody seals present on bottles?
6. <u>(Y)</u> <u>(N)</u> <u>N/A</u>	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13. <u>(Y)</u> <u>(N)</u> <u>N/A</u>	Do custody seals on bottles appear to be tampered with?
7. <u>(Y)</u> <u>(N)</u>	Were contents of cooler frisked after opening, but before unpacking?	14. <u>(Y)</u> <u>(N)</u>	Was Internal COC/Workshare received?

¹ For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

107-024-60

Corrective Action:

- ☐ Client Contact Name: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____

Informed by: _____

Project Management Review:

If released, notify: _____

Date: 7-18-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

ADMIN-0004, REVISED 04/18/07\SIsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

STL ST. LOUIS

RECEIVED AUGUST 24 2007

FLUOR HANFORD		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				C.O.C. # 107-043-80	
SL702 Fluor Hanford D. R. BREWINGTON						Page 1 of 1	
Collector		Contact/Requester Dot Stewart		Telephone No. 509-376-5056		MSIN FAX	
SAF No. 107-043		Sampling Origin Hanford Site		Purchase Order/Charge Code			
Project Title 2UPL-LOL MAY 2007		Logbook: HNF-N-506-6		Ice Chest No. SML-442 Tenn.			
Shipped To (Lab) Severn Trent St. Louis		Method of Shipment Govt. Vehicle		Bill of Lading/Air Bill No. 78 79871726314			
Protocol SURV		Priority: 45 Days		Offsite Property No.			
POSSIBLE SAMPLE HAZARDS/REMARKS ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)				SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days. WSCF: Batch all GW samples submitted into one SDG, daily closure.			
Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NHC0 (F)		W	7/12/07	1114	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1NHC0 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-1 + Lithium (20)	HNO3 to pH <2
B1NHC0 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1NHC0 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Lead (1)	HNO3 to pH <2
B1NHC1		W			1x20-mL P	Activity Scan	None
B1NHC1		W			3x1000-mL aG	8270_SVOA_GCMS: List-1 + Cresol (14)	Cool 4C
B1NHC1		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool 4C
B1NHC1		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NHC1		W			1x250-mL aGs*	9060_TOX: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NHC1		W			3x1000-mL aG	TPH-Kerosene Range - WTPH-D	HCl to pH <2 Cool 4C
B1NHC1		W			3x1000-mL aG	TPH-Diesel Range - WTPH-D	HCl to pH <2 Cool 4C
B1NHC1		W			4x40-mL aGs*	TPH-Gasoline Range - WTPH-G	HCl to pH <2 Cool 4C
B1NHC1		W			3x500-mL G/P	9030_SULFIDE: Sulfide (1)	ZnAc+NaOH to pH >9 Cool 4C
B1NHC1		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26); VOA - 8260 (Add-On)	HCl or H2SO4 to pH <2 Cool 4C
B1NHC1		W			1x500-mL aG	420.2_PHENOL: Phenol total(1)	H2SO4 to pH <2 Cool 4C

Relinquished By Fluor Hanford D. R. BREWINGTON	Print <i>D. R. Brewington</i>	Signature <i>D. R. Brewington</i>	Date/Time JUL 12 2007 1430	Received By FEDEX	Print <i>FEDEX</i>	Signature <i>FEDEX</i>	Date/Time 7/13/07 0915	Matrix * S = Soil DS = Drum Solid SF = Sediment DN = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By	Date/Time	Received By <i>B. R. C.</i>	Date/Time					
Relinquished By	Date/Time	Received By	Date/Time					
Relinquished By	Date/Time	Received By	Date/Time					
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)		Disposed By		Date/Time		

312

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results[? Quick Help](#)

Tracking number	798717263140	Reference	SML-442
Signed for by	A.BURUSON	Destination	Earth City, MO
Ship date	Jul 12, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 13, 2007 9:13 AM	Service type	Priority Overnight
		Weight	88.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time	Activity	Location	Details
Jul 13, 2007	9:13 AM	Delivered	Earth City, MO
	7:36 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	6:58 AM	At local FedEx facility	EARTH CITY, MO
	5:19 AM	At dest sort facility	BERKELEY, MO
	4:41 AM	Departed FedEx location	MEMPHIS, TN
	1:00 AM	Arrived at FedEx location	MEMPHIS, TN
Jul 12, 2007	5:38 PM	Left origin	PASCO, WA
	4:04 PM	Picked up	PASCO, WA
	3:17 PM	Package data transmitted to FedEx	



Subscribe to tracking updates (optional)

Your Name: Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or non-English characters.

☐ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

STL

RECEIVED AUGUST 24, 2007

Lot #(s):

- 1622 -

F76730 254

260
265

Condition Upon Receipt Form

Client:

Hanford

COC/RFA No:

Quote No:

75845, 75845

Initiated By:

BA

Date:

7/13/07

Time:

0915

Shipping Information

Shipper Name:

FE

Shipping # (s):*

Multiple Packages

Y

N

Sample Temperature (s):**

1. 787 1726 3140

6.

2.

7.

3.

8.

4.

9.

5.

10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Conditions (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y N	Was sample received broken?	8.	Y N	Sample received with Chain of Custody?
2.	Y N N/A	Was sample received with proper pH? (If not, make note below)	9.	Y N	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A-Was pH taken by original STL Lab?	10.	Y N	Are there custody seals present on cooler?
4.	Y N	Sample received in proper containers?	11.	Y N N/A	Do custody seals on cooler appear to be tampered with?
5.	Y N	Sample volume sufficient for analysis?	12.	Y N	Are there custody seals present on bottles?
6.	Y N N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y N N/A	Do custody seals on bottles appear to be tampered with?
7.	Y N	Were contents of cooler frisked after opening, but before unpacking?	14.	Y N	Was Internal COC/Workshare received?

For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

I07-043-80

Corrective Action:

☐ Client Contact Name:☐ Sample(s) processed "as is"☐ Sample(s) on hold until:

Informed by:

Project Management Review:

If released, notify:

Date:

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

ADMIN-0004, REVISED 04/18/07\SI\svr01\QA\FORMS\ST-LOUIS\ADMIN\ADMIN004 rev11.doc

Relinquished By R. R. BREWINGTON	Print R. R. Brewington	Signature [Signature]	Date/Time JUL 12 2007 1430	Received By FEDEX	Print FEDEX	Signature [Signature]	Date/Time 7/13/07 0915	Matrix * S = Soil DS = Drum Solid SF = Sediment DI = Drum Liquid SO = Solid T = Tissue SL = Sludge WL = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By FedEx	Date/Time	Received By B-R-C	Date/Time					
Relinquished By	Date/Time	Received By	Date/Time					
Relinquished By	Date/Time	Received By	Date/Time					
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)						
		Disposed By						
		Date/Time						

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results Quick Help

Tracking number	798717263140	Reference	SML-442
Signed for by	A.BURUSON	Destination	Earth City, MO
Ship date	Jul 12, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 13, 2007 9:13 AM	Service type	Priority Overnight
		Weight	88.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time	Activity	Location	Details
Jul 13, 2007	9:13 AM Delivered	Earth City, MO	
	7:36 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	6:58 AM At local FedEx facility	EARTH CITY, MO	
	5:19 AM At dest sort facility	BERKELEY, MO	
	4:41 AM Departed FedEx location	MEMPHIS, TN	
	1:00 AM Arrived at FedEx location	MEMPHIS, TN	
Jul 12, 2007	5:38 PM Left origin	PASCO, WA	
	4:04 PM Picked up	PASCO, WA	
	3:17 PM Package data transmitted to FedEx		



Subscribe to tracking updates (optional)

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E-mail address

Language

Exception updates

Delivery updates

<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

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☐ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

STL

RECEIVED AUGUST 24, 2007

Lot #(s):

- 1622 -

E76130254

260
265

Condition Upon Receipt Form

Client:

Hanford

COC/RFA No:

Quote No:

75844, 75845

Initiated By:

RD

Date:

7/13/07

Time:

0915

Shipping Information

Shipper Name:

FE

Shipping # (s):*

1. 7887 1726 3146

2.

3.

4.

5.

6.

7.

8.

9.

10.

Multiple Packages

Y

N

Sample Temperature (s):**

1. 2

2.

3.

4.

5.

6.

7.

8.

9.

10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition: Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y N	Was sample received broken?	8.	Y N	Sample received with Chain of Custody?
2.	Y N N/A	Was sample received with proper pH? (If not, make note below)	9.	Y N	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A-Was pH taken by original STL Lab?	10.	Y N	Are there custody seals present on cooler?
4.	Y N	Sample received in proper containers?	11.	Y N N/A	Do custody seals on cooler appear to be tampered with?
5.	Y N	Sample volume sufficient for analysis?	12.	Y N	Are there custody seals present on bottles?
6.	Y N N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y N N/A	Do custody seals on bottles appear to be tampered with?
7.	Y N	Were contents of cooler frisked after opening, but before unpacking?	14.	Y N	Was Internal COC/Workshare received?

† For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

507-007-58

Corrective Action:

☐ Client Contact Name:

Informed by:

☐ Sample(s) processed "as is"☐ Sample(s) on hold until:

If released, notify:

Project Management Review:

Date:

7-18-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

ADMIN-0004, REVISED 04/18/07\SI\svr01\QA\FORMS\ST-LOUIS\ADMIN\ADMIN004 rev11.doc

POSSIBLE SAMPLE HAZARDS/REMARKS ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	<table border="1"> <tr> <th data-bbox="1010 431 1300 435">SPECIAL INSTRUCTIONS</th> <th data-bbox="1300 431 1493 435">Hold Time</th> <th data-bbox="1493 431 1936 435">Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></th> </tr> <tr> <td colspan="3" data-bbox="1010 435 1300 436"> All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days. WSCF: Batch all GW samples submitted into one SDG, daily closure. </td></tr> </table>	SPECIAL INSTRUCTIONS	Hold Time	Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days. WSCF: Batch all GW samples submitted into one SDG, daily closure.		
SPECIAL INSTRUCTIONS	Hold Time	Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days. WSCF: Batch all GW samples submitted into one SDG, daily closure.							

Relinquished By L.D. WALL	Print <i>L.D. Wall</i>	Signature <i>L.D. Wall</i>	Date/Time JUL 16 2007 1400	Received By <i>FedEx</i>	Print	Sign	Date/Time	Matrix * S = Soil DS = Drum Solid SF = Sediment DL = Drum Liquid SO = Solid T = Tissue SL = Sludge WT = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By <i>FedEx</i>			Date/Time	Received By <i>Sue H</i>			Date/Time 07.17.07 0900	
Relinquished By			Date/Time	Received By			Date/Time	
Relinquished By			Date/Time	Received By			Date/Time	
FINAL SAMPLE DISPOSITION		Disposition Method (e.g., Return to customer, per lab procedure, used in process)						Date/Time

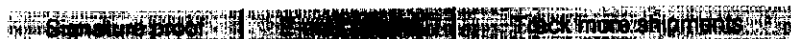
RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results [Quick Help](#)

Tracking number	791723637096	Reference	erc-1
Signed for by	J.CLARK	Destination	Earth City, MO
Ship date	Jul 16, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 17, 2007 9:03 AM	Service type	Priority Overnight
		Weight	93.0 lbs.





Status Delivered**Signature image available** Yes

Date/Time	Activity	Location	Details
Jul 17, 2007	9:03 AM Delivered	Earth City, MO	
	6:37 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	6:31 AM At local FedEx facility	EARTH CITY, MO	
	5:54 AM At dest sort facility	BERKELEY, MO	
	4:02 AM Departed FedEx location	MEMPHIS, TN	
	12:50 AM Arrived at FedEx location	MEMPHIS, TN	
Jul 16, 2007	5:52 PM Left origin	PASCO, WA	
	4:31 PM Package data transmitted to FedEx		
	4:03 PM Picked up	PASCO, WA	



Subscribe to tracking updates (optional)

Your Name: Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
<input type="text"/>	English 	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English 	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English 	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English 	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or non-English characters.

☐ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)


STL

RECEIVED AUGUST 24, 2007 Lot #(s):

F76170247

- 2339 -

249250248

Client:

Federal Hazardous

COC/RFA No:

Condition Upon Receipt Form

Date:

07.17.07

Quote No:

7657, 7545, 75996

Initiated By:

Ed

Time:

0900

Shipper Name:

Fed X

Shipping # (s):*

Shipping Information

Multiple Packages

Y

(N)

Sample Temperature (s):**

1. 5"

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	<u>Y</u> <u>N</u>	Was sample received broken?	8.	<u>Y</u> <u>N</u>	Sample received with Chain of Custody?
2.	<u>Y</u> <u>N</u> <u>N/A</u>	Was sample received with proper pH ¹ ? (If not, make note below)	9.	<u>Y</u> <u>N</u>	Chain of Custody matches sample ID's on container(s)?
3.	<u>Y</u> <u>N</u>	If N/A- Was pH taken by original STL Lab?	10.	<u>Y</u> <u>N</u>	Are there custody seals present on cooler?
4.	<u>Y</u> <u>N</u>	Sample received in proper containers?	11.	<u>Y</u> <u>N</u> <u>N/A</u>	Do custody seals on cooler appear to be tampered with?
5.	<u>Y</u> <u>N</u>	Sample volume sufficient for analysis?	12.	<u>Y</u> <u>N</u>	Are there custody seals present on bottles?
6.	<u>Y</u> <u>N</u> <u>N/A</u>	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	<u>Y</u> <u>N</u> <u>N/A</u>	Do custody seals on bottles appear to be tampered with?
7.	<u>Y</u> <u>N</u>	Were contents of cooler frisked after opening, but before unpacking?	14.	<u>Y</u> <u>N</u>	Was Internal COC/Workshare received?

¹ For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

107-056-26107-055-25507-007-290W07-007-83, 99, 95

Corrective Action:

☐ Client Contact Name:

Informed by: _____

☐ Sample(s) processed "as is"☐ Sample(s) on hold until: _____

If released, notify: _____

Project Management Review: _____

Date:

07-18-07

SDG

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

48 OF 312

ADMIN-0004. REVISED 04/18/07\ASIS\rd\QA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results Quick Help

Tracking number	791723637096	Reference	erc-1
Signed for by	J.CLARK	Destination	Earth City, MO
Ship date	Jul 16, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 17, 2007 9:03 AM	Service type	Priority Overnight
		Weight	93.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time	Activity	Location	Details
Jul 17, 2007	9:03 AM Delivered	Earth City, MO	
	6:37 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	6:31 AM At local FedEx facility	EARTH CITY, MO	
	5:54 AM At dest sort facility	BERKELEY, MO	
	4:02 AM Departed FedEx location	MEMPHIS, TN	
	12:50 AM Arrived at FedEx location	MEMPHIS, TN	
Jul 16, 2007	5:52 PM Left origin	PASCO, WA	
	4:31 PM Package data transmitted to FedEx		
	4:03 PM Picked up	PASCO, WA	



Subscribe to tracking updates (optional)

Your Name: Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

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☐ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

RECEIVED AUGUST 24, 2007

Lot #(s):

F76170247

2495

250

240

- 2339 -

Client:

Fluor Hanford

COC/RFA No:

Condition Upon Receipt Form

Date:

07.17.07

Quote No:

76057, 75945, 75996

Initiated By:

EJ

Time:

0900

Shipping Information

Shipper Name:

Fed X

Shipping # (s):*

1. 7917 2363 1096

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Multiple Packages

Y

(N)

Sample Temperature (s):**

1. 5"

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y N	Was sample received broken?	8.	Y N	Sample received with Chain of Custody?
2.	Y N N/A	Was sample received with proper pH ¹ ? (If not, make note below)	9.	Y N	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A-Was pH taken by original STL Lab?	10.	Y N	Are there custody seals present on cooler?
4.	Y N	Sample received in proper containers?	11.	Y N N/A	Do custody seals on cooler appear to be tampered with?
5.	Y N	Sample volume sufficient for analysis?	12.	Y N	Are there custody seals present on bottles?
6.	Y N N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y N N/A	Do custody seals on bottles appear to be tampered with?
7.	Y N	Were contents of cooler frisked after opening, but before unpacking?	14.	Y N	Was Internal COC/Workshare received?

¹ For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

107-056-26

107-055-2,5

SD7-007-290

WD7-007-83,99,95

Corrective Action:

☐ Client Contact Name:☐ Sample(s) processed "as is"☐ Sample(s) on hold until:

Informed by:

If released, notify:

Date:

Project Management Review:

72165

SDG# UOR HANFORD 6702 <i>water</i> 2339	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # W07-007-83 Page 1 of 1
Collector L.D. WALL	Contact/Requester Steve Trent	Telephone No. 509-373-5869 MSIN FAX
SAF No. W07-007	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title RCRA JULY 2007	HNF-N-506-B	Ice Chest No. EKC-1 Temp.
Shipped To (Lab) Severn Trent St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7917 2363 7096
Protocol RCRA	Priority: 45 Days	Offsite Property No.
POSSIBLE SAMPLE HAZARDS/REMARKS ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)		SPECIAL INSTRUCTIONS Held Time Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days. WSCF: Batch all GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NY24 (F)		W	7-16-07	1200	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NY25		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (28)	HCl or H2SO4 to pH <2 Cool 4C
B1NY25		W			1x20-mL P	Activity Scan	None
B1NY25		W			1x250-mL aGs*	9060_TOX: TOX (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NY25		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NY25		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool 4C

Relinquished By L.D. WALL <i>L.D. Wall</i> Date/Time JUL 16 2007	Received By <i>FedEx</i> Date/Time 7-17-07 9:00	Matrix * S = Soil DS = Drum Solid SP = Sediment DN = Drum Liquid SO = Solid T = Tar SL = Sludge W = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By FedEx Date/Time	Received By <i>Justin Brown</i> 07-17-07 0900 Date/Time	
Relinquished By Date/Time	Received By Date/Time	
Relinquished By Date/Time	Received By Date/Time	
FINAL SAMPLE DISPOSITION		
Disposal Method (e.g., Return to customer, per lab procedure, used in process)		
Disposed By		
Date/Time		

STL ST. LOUIS
 RECEIVED AUGUST 24 2007

[illegible]

Relinquished By	Print	Signature	Date/Time	Received By	Print	Signature	Date/Time	Matrix *	
D. WALL		<i>D. Wall</i>	JUL 16 2007	<i>FED EX</i>				S = Soil	DS = Drum Solid
Relinquished By	Date/Time	Signature	Date/Time	Received By	Date/Time	Signature	Date/Time	SE = Sediment	DN = Drum Liquid
FED EX	7-17-07 09:40			<i>ME 1782</i>	07-17-07		09:00	SO = Solid	T = Tissue
Relinquished By	Date/Time	Signature	Date/Time	Received By	Date/Time	Signature	Date/Time	SL = Sludge	WL = Wine
								W = Water	L = Liquid
Relinquished By	Date/Time	Signature	Date/Time	Received By	Date/Time	Signature	Date/Time	O = Oil	V = Vegetation
								A = Air	X = Other
Relinquished By	Date/Time	Signature	Date/Time	Received By	Date/Time	Signature	Date/Time		
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)					Disposed By		Date/Time

STL ST. LOUIS

RECEIVED AUGUST 24, 2007

SDG # FLUOR HANFORD STL SL 702		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		C.O.C. # W07-007-95	
Collector L.D. WALL		Contact/Requester Steve Trent		Telephone No. 509-373-5869 MSIN FAX	
SAF No. W07-007		Sampling Origin Hanford Site		Purchase Order/Charge Code	
Project Title RCRA JULY 2007		HNF-N 506-B		Ice Chest No. ERC-1 Temp.	
Shipped To (Lab) Severn Trent St. Louis		Method of Shipment Govt. Vehicle		Bill of Lading/Air Bill No. 7917 2363 7096	
Protocol RCRA		Priority: 45 Days		Offsite Property No.	
POSSIBLE SAMPLE HAZARDS/REMARKS ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)			SPECIAL INSTRUCTIONS Hold Time All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days. WSCF: Batch all GW samples submitted into one SDG, daily closure.		

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NY50		W	7-16-07	1044	1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NY50		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NY51		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NY51		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NY52		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NY52		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NY53		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NY53		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NY54 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NY55		W			1x20-mL P	Activity Scan	None

Relinquished By L.D. WALL Sign <i>L.D. Wall</i> Date/Time JUL 16 2007 1400	Received By FedEx Print FedEx Sign Date/Time	Matrix * S = Soil DS = Drum Solid SF = Sediment DI = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wire W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By FedEx Date/Time 7-17-07 09:00	Received By <i>[Signature]</i> Date/Time 07-17-07 0900	
Relinquished By	Received By	
Relinquished By	Received By	
FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process)		Disposed By Date/Time


SDG #

STL

STL

STL

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Track Shipments
Detailed Results [Quick Help](#)





Tracking number	791723637096	Reference	erc-1
Signed for by	J.CLARK	Destination	Earth City, MO
Ship date	Jul 16, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 17, 2007 9:03 AM	Service type	Priority Overnight
		Weight	93.0 lbs.
Status	Delivered		
Signature Image available	Yes		

Date/Time	Activity	Location	Details
Jul 17, 2007	9:03 AM	Delivered	Earth City, MO
	6:37 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	6:31 AM	At local FedEx facility	EARTH CITY, MO
	5:54 AM	At dest sort facility	BERKELEY, MO
	4:02 AM	Departed FedEx location	MEMPHIS, TN
	12:50 AM	Arrived at FedEx location	MEMPHIS, TN
Jul 16, 2007	5:52 PM	Left origin	PASCO, WA
	4:31 PM	Package data transmitted to FedEx	
	4:03 PM	Picked up	PASCO, WA



Subscribe to tracking updates (optional)

Your Name: Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
<input type="text"/>	English 	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English 	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English 	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English 	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or non-English characters.

☐ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

RECEIVED AUGUST 24, 2007

STL

- 2339 -

Lot #(s):

F76170247

249

250

290

Client:

Fleer Hartford

COC/RFA No:

Condition Upon Receipt Form

Date:

07-17-07

Quote No:

16057, 7595, 7596

Initiated By:

EJ

Time:

0900

Shipping Information

Shipper Name:

Fed X

Shipping # (s):*

Multiple Packages

Y

N

Sample Temperature (s):**

1. 7917 2363 1096

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

1. 5

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1. Y N	Was sample received broken?	8. Y N	Sample received with Chain of Custody?
2. Y N N/A	Was sample received with proper pH ¹ ? (If not, make note below)	9. Y N	Chain of Custody matches sample ID's on container(s)?
3. Y N	If N/A-Was pH taken by original STL Lab?	10. Y N	Are there custody seals present on cooler?
4. Y N	Sample received in proper containers?	11. Y N N/A	Do custody seals on cooler appear to be tampered with?
5. Y N	Sample volume sufficient for analysis?	12. Y N	Are there custody seals present on bottles?
6. Y N N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13. Y N N/A	Do custody seals on bottles appear to be tampered with?
7. Y N	Were contents of cooler frisked after opening, but before unpacking?	14. Y N	Was Internal COC/Workshare received?

¹ For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

107-056-26

107-055-2, 5

507-007-290

W07-007-83, 99, 95

Corrective Action:

☐ Client Contact Name:

Informed by:

☐ Sample(s) processed "as is"☐ Sample(s) on hold until:

If released, notify:

Project Management Review:

Date:

07-18-07

SDG#

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM. 312

Relinquished By L.D. WALL	Print <i>L.D. Wall</i>	Date/Time JUL 16 2007	Received By FedEx	Print	Sign	Date/Time	Matrix * S = Soil DS = Drum Solid SE = Sediment DN = Drum Linn SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By FedEx		Date/Time 7-17-07 09:00	Received By <i>[Signature]</i>			Date/Time 07-17-07 0900	
Relinquished By		Date/Time	Received By			Date/Time	
Relinquished By		Date/Time	Received By			Date/Time	
Relinquished By		Date/Time	Received By			Date/Time	
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By		Date/Time	

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results [Quick Help](#)





Tracking number	791723637096	Reference	erc-1
Signed for by	J.CLARK	Destination	Earth City, MO
Ship date	Jul 16, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 17, 2007 9:03 AM	Service type	Priority Overnight
		Weight	93.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time	Activity	Location	Details
Jul 17, 2007	9:03 AM Delivered	Earth City, MO	
	6:37 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	6:31 AM At local FedEx facility	EARTH CITY, MO	
	5:54 AM At dest sort facility	BERKELEY, MO	
	4:02 AM Departed FedEx location	MEMPHIS, TN	
	12:50 AM Arrived at FedEx location	MEMPHIS, TN	
Jul 16, 2007	5:52 PM Left origin	PASCO, WA	
	4:31 PM Package data transmitted to FedEx		
	4:03 PM Picked up	PASCO, WA	



Subscribe to tracking updates (optional)

Your Name: Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
<input type="text"/>	English 	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English 	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English 	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English 	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

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☐ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

RECEIVED AUGUST 24, 2007

Lot #(s):

F76170247
249
250
290

- 2339 -

Client:

Fluor Hanford

COC/RFA No:

Condition Upon Receipt Form

Date:

07.17.07

Quote No:

7657, 7595, 7596

Initiated By:

EJ

Time:

0900

Shipper Name:

Fed X

Shipping # (s):*

1. 7917 2363 7096

2.

3.

4.

5.

6.

7.

8.

9.

10.

Shipping Information

Multiple Packages

Y

N

Sample Temperature (s):**

1. 5

2.

3.

4.

5.

6.

7.

8.

9.

10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y N	Was sample received broken?	8.	Y N	Sample received with Chain of Custody?
2.	Y N N/A	Was sample received with proper pH? (If not, make note below)	9.	Y N	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A- Was pH taken by original STL Lab?	10.	Y N	Are there custody seals present on cooler?
4.	Y N	Sample received in proper containers?	11.	Y N N/A	Do custody seals on cooler appear to be tampered with?
5.	Y N	Sample volume sufficient for analysis?	12.	Y N	Are there custody seals present on bottles?
6.	Y N N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y N N/A	Do custody seals on bottles appear to be tampered with?
7.	Y N	Were contents of cooler frisked after opening, but before unpacking?	14.	Y N	Was Internal COC/Workshare received?

For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

107-056-26,
107-055-2,5
507-007-296
W07-007-83,99,95

Corrective Action:

☐ Client Contact Name:☐ Sample(s) processed "as is"☐ Sample(s) on hold until:

Project Management Review:

Informed by:


If released, notify:

Date:

07-18-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

[illegible]

Relinquished By Kevin Patterson Bar Hanford	Print 	Sign	Date/Time JUL 17 2007	Received By Fed Ex	Print	Sign	Date/Time	Matrix *	
Relinquished By Fed Ex			Date/Time 7-18-07 AM	Received By Angela Brown			Date/Time 7-18-07 9:00	S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air	DS = Drum Solid DM = Drum Liquid T = Tissue WI = Wine L = Liquid V = Vegetation X = Other
Relinquished By 1			Date/Time	Received By			Date/Time		
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)				Disposed By		Date/Time		

Hazardous Waste Fluor Hanford Print Sign Date/Time JUL 17 2007		Received By FedEx Print Sign Date/Time		Matrix * S = Soil DS = Drum Solid SF = Sediment DI = Drums Liner SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other	
Relinquished By FedEx Date/Time 7-18-07 09:10W		Received By Angela Brown Date/Time 7-18-07 9:00			
Relinquished By _____ Date/Time		Received By _____ Date/Time			
Relinquished By _____ Date/Time		Received By _____ Date/Time			
<div style="display: flex; justify-content: space-between;"> <div> FINAL SAMPLE DISPOSITION </div> <div> Disposal Method (e.g., Return to customer, per lab procedure, used in process) </div> <div> Disposed By </div> <div> Date/Time </div> </div>					

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results Quick Help

Tracking number	790785353339	Reference	GRP-03-012
Signed for by	J.CLARK	Destination	Earth City, MO
Ship date	Jul 17, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 18, 2007 8:59 AM	Service type	Priority Overnight
		Weight	83.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time	Activity	Location	Details
Jul 18, 2007	8:59 AM Delivered	Earth City, MO	
	7:33 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	7:02 AM At local FedEx facility	EARTH CITY, MO	
	6:18 AM At dest sort facility	BERKELEY, MO	
	4:40 AM Departed FedEx location	MEMPHIS, TN	
	1:04 AM Arrived at FedEx location	MEMPHIS, TN	
Jul 17, 2007	5:12 PM Left origin	PASCO, WA	
	4:50 PM Package data transmitted to FedEx		
	4:04 PM Picked up	PASCO, WA	

[Signature proof](#) [E-mail results](#) [Track more shipments](#)

Subscribe to tracking updates (optional)

Your Name:

Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or non-English characters.

☒ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

STL

RECEIVED AUGUST 24, 2007 1898 -

Lot #(s):

F76180203

205
207
212

Client:

Flow Hanford

COC/RFA No:

Condition Upon Receipt Form

Quote No:

75710, 74117, 75715

Initiated By:

Seebolow

Date:

7-18-07

Time:

9:00

Shipper Name:

FE

Shipping # (s):*

1. 7907 8535 8339

2. 7996 7665 3863

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Shipping Information

Multiple Packages

☒ Y

N

Sample Temperature (s):**

1. 2

2. 97

3. 87-101

4. 18

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1. Y N	Was sample received broken?	8. Y N	Sample received with Chain of Custody?
2. Y N N/A	Was sample received with proper pH? (If not, make note below)	9. Y N	Chain of Custody matches sample ID's on container(s)?
3. Y N	If N/A-Was pH taken by original STL Lab?	10. Y N	Are there custody seals present on cooler?
4. Y N	Sample received in proper containers?	11. Y N/A	Do custody seals on cooler appear to be tampered with?
5. Y N	Sample volume sufficient for analysis?	12. Y N	Are there custody seals present on bottles?
6. Y N N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13. Y N/A	Do custody seals on bottles appear to be tampered with?
7. Y N	Were contents of cooler frisked after opening, but before unpacking?	14. Y N	Was Internal COC/Workshare received?

For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

COC# - 807-006-12, 4, 5
 I-07-007-69
 SO7-007-292, 36
 W07-007-79, 65
 X07-006

all samples on COC X07-006 came in out of temp.

Corrective Action:

☐ Client Contact Name:

Informed by:

☐ Sample(s) processed "as is"☐ Sample(s) on hold until:

If released, notify:

Project Management Review:

Date: 07-21-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

ADMIN-0004, REVISED 04/18/07\SIsvr01\QA\FORMS\ST-LOUIS\ADMIN\ADMIN004 rev11.doc

[illegible]

Relinquished By R. M. WALL	Print JUL 17 2007	Sign <i>[Signature]</i>	Date/Time 1430	Received By FED EX	Print JUL 17 2007	Sign <i>[Signature]</i>	Date/Time	Matrix *	
Relinquished By RD EX	Date/Time 7-18-07 09:00	Received By <i>[Signature]</i>	Date/Time 7-18-07 9:00	Received By	Date/Time			S = Soil SE = Sediment SO = Solid SL = Shale W = Water O = Oil A = Air	DS = Drum Solid DL = Drum Liquid T = Tissue WI = Wine LI = Liquid V = Vegetation X = Other
Relinquished By	Date/Time	Received By	Date/Time	Received By	Date/Time				
Relinquished By	Date/Time	Received By	Date/Time	Received By	Date/Time				
Relinquished By	Date/Time	Received By	Date/Time	Received By	Date/Time				
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By		Date/Time			

RECEIVED AUGUST 24, 2007

Track Shipments Detailed Results



Tracking number	790785353339
Signed for by	J.CLARK
Ship date	Jul 17, 2007
Delivery date	Jul 18, 2007 8:59 AM

Reference	GRP-03-012
Destination	Earth City, MO
Delivered to	Shipping/Receiving
Service type	Priority Overnight
Weight	83.0 lbs.

Status	Delivered
1	1
2	2
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100	100

Signature image available Yes

Date/Time	Activity	Location	Details
Jul 18, 2007	8:59 AM Delivered	Earth City, MO	
	7:33 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	7:02 AM At local FedEx facility	EARTH CITY, MO	
	6:18 AM At dest sort facility	BERKELEY, MO	
	4:40 AM Departed FedEx location	MEMPHIS, TN	
	1:04 AM Arrived at FedEx location	MEMPHIS, TN	
Jul 17, 2007	5:12 PM Left origin	PASCO, WA	
	4:50 PM Package data transmitted to FedEx		
	4:04 PM Picked up	PASCO, WA	

Signature proof	E-mail results	Track more shipments
-----------------	----------------	----------------------

Subscribe to tracking updates (optional)

Your Name:

Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or non-English characters.

☐ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

Submit

STL

RECEIVED AUGUST 24, 2007

Lot #(s):

1898 -

F76180203

205

207

212

Client:

Flow Han

COC/RFA No:

Condition Upon Receipt Form

Quote No:

752107417, 7548

Initiated By:

Seablow

Date:

7-18-07

Time:

9:00

Shipper Name:

FE

Shipping # (s):*

1. 7901 8535 3339

2. 7996 7605 3863

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Shipping Information

Multiple Packages

☒ Y ☐ N

Sample Temperature (s):**

1. 2

2. 97

3. 187-1001

4. 18

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	<input checked="" type="radio"/> Y <input type="radio"/> N	Was sample received broken?	8.	<input checked="" type="radio"/> Y <input type="radio"/> N	Sample received with Chain of Custody?
2.	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A	Was sample received with proper pH ¹ ? (If not, make note below)	9.	<input checked="" type="radio"/> Y <input type="radio"/> N	Chain of Custody matches sample ID's on container(s)?
3.	<input type="radio"/> Y <input type="radio"/> N	If N/A-Was pH taken by original STL Lab?	10.	<input checked="" type="radio"/> Y <input type="radio"/> N	Are there custody seals present on cooler?
4.	<input checked="" type="radio"/> Y <input type="radio"/> N	Sample received in proper containers?	11.	<input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Do custody seals on cooler appear to be tampered with?
5.	<input checked="" type="radio"/> Y <input type="radio"/> N	Sample volume sufficient for analysis?	12.	<input checked="" type="radio"/> Y <input type="radio"/> N	Are there custody seals present on bottles?
6.	<input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	<input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Do custody seals on bottles appear to be tampered with?
7.	<input checked="" type="radio"/> Y <input type="radio"/> N	Were contents of cooler frisked after opening, but before unpacking?	14.	<input type="radio"/> Y <input type="radio"/> N	Was Internal COC/Workshare received?

¹ For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

COC# - 307-006-12, 4, 5
 1-07-007-69
 807-007-292, 36
 W07-007-79, 65
 X07-006

all samples on COC X07-006 came in out of Temp.

Corrective Action:

☐ Client Contact Name:

Informed by:

☐ Sample(s) processed "as is"☐ Sample(s) on hold until:

If released, notify:

Project Management Review:

Date: 07-21-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

ADMIN-0004, REVISED 04/18/07\SL\svr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

[illegible]

Relinquished By Flaco Harford F.M. HALL	Print <i>[Signature]</i>	Sign JUN 17 2007	Date/Time 1430	Received By FED EX	Print JUL 17 2007	Sign <i>[Signature]</i>	Date/Time	Matrix * S = Soil DS = Drum Solid SE = Sediment DI = Drum Liquid SO = Solid T = Tissue SL = Sludge W1 = Wine W = Water I = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By FED EX	Date/Time 7-18-07 09:00	Received By Angela Brown	Date/Time 7-18-07 9:00					
Relinquished By	Date/Time	Received By	Date/Time					
Relinquished By U	Date/Time	Received By	Date/Time					
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)				Disposed By		Date/Time	

SDG# SLT FUOR HANFORD 5702		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		C.O.C.# S07-007-36	
Collector Fluor Hanford R. T. SICKLE		Contact/Requester Steve Trent		Telephone No. 509-373-5869	
SAF No. S07-007		Sampling Origin Hanford Site		MSIN FAX	
Project Title SURV JULY 2007		Sampling Order Logbook: HNF-N-506-8		Purchase Order/Charge Code	
Project Title SURV JULY 2007		Method of Shipment Govt. Vehicle		Ice Chest No. Temp.	
Shipped To (Lab) Severn Trent St. Louis		Method of Shipment Govt. Vehicle		Bill of Lading/Air Bill No. GRP-03-012	
Protocol SURV		Priority: 45 Days		Offsite Property No. 7907-8535-3339	
POSSIBLE SAMPLE HAZARDS/REMARKS ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)			SPECIAL INSTRUCTIONS All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days. WSCF: Batch all GW samples submitted into one SDG, daily closure.		

[illegible]

Relinquished By <i>[Signature]</i>	Date/Time 17 2007 1430	Received By FEDEX	Print	Sign	Date/Time	Matrix * S = Soil DS = Drwn Solid SE = Sediment DL = Drwn Liq SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other	
Relinquished By FEDEX	Date/Time 7-18-07 09:00	Received By <i>Angela Brown</i>			Date/Time 7-18-07 9:00		
Relinquished By	Date/Time	Received By			Date/Time		
Relinquished By	Date/Time	Received By			Date/Time		
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)				Disposed By	Date/Time

Track Shipments
Detailed Results

 [Quick Help](#)

Tracking number	790785353339	Reference	GRP-03-012
Signed for by	J.CLARK	Destination	Earth City, MO
Ship date	Jul 17, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 18, 2007 8:59 AM	Service type	Priority Overnight
		Weight	83.0 lbs.

Status Delivered

Signature image available Yes

Date/Time	Activity	Location	Details
Jul 18, 2007	8:59 AM	Delivered	Earth City, MO
	7:33 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:02 AM	At local FedEx facility	EARTH CITY, MO
	6:18 AM	At dest sort facility	BERKELEY, MO
	4:40 AM	Departed FedEx location	MEMPHIS, TN
	1:04 AM	Arrived at FedEx location	MEMPHIS, TN
Jul 17, 2007	5:12 PM	Left origin	PASCO, WA
	4:50 PM	Package data transmitted to FedEx	
	4:04 PM	Picked up	PASCO, WA

[Signature proof](#) [Email updates](#) [Track more shipments](#)

Subscribe to tracking updates (optional)

Your Name:

Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
<input type="text"/>	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or non-English characters.

☒ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

STL

RECEIVED AUGUST 24, 2007

Lot #(s):

F76180203

1898 -

205

207

212

Client:

Flour Han

COC/RFA No:

Condition Upon Receipt Form

Quote No:

75996

Initiated By:

Seablow

Date:

7-18-07

Time:

9:00

Shipping Information

Shipper Name:

FE

Shipping # (s):*

1. 7907 8535 8339

2. 7996 7665 3863

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Multiple Packages

☒ Y

N

Sample Temperature (s):**

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	<input checked="" type="radio"/> Y <input type="radio"/> N	Was sample received broken?	8.	<input checked="" type="radio"/> Y <input type="radio"/> N	Sample received with Chain of Custody?
2.	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A	Was sample received with proper pH? (If not, make note below)	9.	<input checked="" type="radio"/> Y <input type="radio"/> N	Chain of Custody matches sample ID's on container(s)?
3.	<input type="radio"/> Y <input type="radio"/> N	If N/A-Was pH taken by original STL Lab?	10.	<input checked="" type="radio"/> Y <input type="radio"/> N	Are there custody seals present on cooler?
4.	<input checked="" type="radio"/> Y <input type="radio"/> N	Sample received in proper containers?	11.	<input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Do custody seals on cooler appear to be tampered with?
5.	<input checked="" type="radio"/> Y <input type="radio"/> N	Sample volume sufficient for analysis?	12.	<input checked="" type="radio"/> Y <input type="radio"/> N	Are there custody seals present on bottles?
6.	<input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	<input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Do custody seals on bottles appear to be tampered with?
7.	<input checked="" type="radio"/> Y <input type="radio"/> N	Were contents of cooler frisked after opening, but before unpacking?	14.	<input type="radio"/> Y <input type="radio"/> N	Was Internal COC/Workshare received?

For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

COC# - 807-006-12, 4, 5
 807-007-69
 807-007-292, 36
 807-007-79, 65
 807-006

all samples on COC 807-006 came in out of Temp.

Corrective Action:

☐ Client Contact Name: _____

Informed by: _____

☐ Sample(s) processed "as is"☐ Sample(s) on hold until: _____

If released, notify: _____

Project Management Review: _____

Date: 07-21-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

ADMIN-0004, REVISED 04/18/07\SIsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

SDG# HANFORD SL 702		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		C.O.C.# W07-007-79	
Collector Steve Trent		Contact/Requester Steve Trent		Telephone No. MSIN FAX 509-373-5869	
SAF No. F.M. HALL W07-007		Sampling Origin Hanford Site		Purchase Order/Charge Code	
Project Title RCRA JULY 2007		HNF - N - 506 - 7		Ice Chest No. 6RP03012 Temp.	
Shipped To (Lab) Severn Trent St. Louis		Method of Shipment Govt. Vehicle		Bill of Lading/Air Bill No. 7907-8535-3339	
Protocol RCRA		Priority: 45 Days		Offsite Property No.	
POSSIBLE SAMPLE HAZARDS/REMARKS ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)			SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days. WSCF: Batch all GW samples submitted into one SDG, daily closure.		

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NY19		W	7/17/07	1405	1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NY19		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NY20		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NY20		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NY21		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NY21		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NY22		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NY22		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NY23		W			1x20-mL P	Activity Scan	None

Relinquished By F.M. Hall	Date/Time JUL 17 2007 1430	Received By FED EX	Date/Time JUL 17 2007	Matrix * S = Soil DS = Dried Solid SF = Sediment DI = Dried Inert SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other	
Relinquished By FED EX	Date/Time 7-18-07 09:00	Received By Angela Brown	Date/Time 7-18-07 09:00		
Relinquished By	Date/Time	Received By	Date/Time		
Relinquished By	Date/Time	Received By	Date/Time		
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)		Disposed By	Date/Time

STL ST. LOUIS
RECEIVED AUGUST 24, 2007

STL ST. LOUIS

RECEIVED AUGUST 24, 2007

SD# FLUOR HANFORD SL 56702	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C.# W07-007-65
		Page 1 of 1

Collector Fluor Hanford	Contact/Requester Steve Trent	Telephone No. 509-373-5869	MSIN FAX
SAF No. F.M. HALL	Sampling Origin Hanford Site	Purchase Order/Charge Code	
Project Title RCRA JULY 2007	HMF-N-SOG-7	Ice Chest No. GRP03012	Temp.
Shipped To (Lab) Severn Trent St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7907-8535-3339	
Protocol RCRA	Priority: 45 Days	Offsite Property No.	

POSSIBLE SAMPLE HAZARDS/REMARKS ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	SPECIAL INSTRUCTIONS All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days. WSCF: Batch all GW samples submitted into one SDG, daily closure.	Hold Time Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
--	---	--

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NXY4		W	7/17/07	1235	1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NXY4		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NXY5		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NXY5		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NXY6		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NXY6		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NXY9		W			1x20-mL P	Activity Scan	None
B1NXY9		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NXY9		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NY00 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2

Relinquished By F.M. HALL	Date/Time JUL 17 2007 1430	Received By FED EX	Date/Time JUL 17 2007	Matrix * S = Soil DS = Drum Solid SE = Sediment DI = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other	
Relinquished By FED EX	Date/Time 7-18-07 09:00	Received By Angela Brown	Date/Time 7-18-07 9:00		
Relinquished By	Date/Time	Received By	Date/Time		
Relinquished By	Date/Time	Received By	Date/Time		
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)		Disposed By	Date/Time

SD# FLUOR HANFORD SL 56702

Track Shipments
 Detailed Results

 [Quick Help](#)

Tracking number	790785353339	Reference	GRP-03-012
Signed for by	J.CLARK	Destination	Earth City, MO
Ship date	Jul 17, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 18, 2007 8:59 AM	Service type	Priority Overnight
		Weight	83.0 lbs.

Status Delivered

Signature image available Yes

Date/Time	Activity	Location	Details
Jul 18, 2007	8:59 AM Delivered	Earth City, MO	
	7:33 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	7:02 AM At local FedEx facility	EARTH CITY, MO	
	6:18 AM At dest sort facility	BERKELEY, MO	
	4:40 AM Departed FedEx location	MEMPHIS, TN	
	1:04 AM Arrived at FedEx location	MEMPHIS, TN	
Jul 17, 2007	5:12 PM Left origin	PASCO, WA	
	4:50 PM Package data transmitted to FedEx		
	4:04 PM Picked up	PASCO, WA	

Subscribe to tracking updates (optional)

Your Name:

Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or non-English characters.

☒ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)



STL

RECEIVED AUGUST 24, 2007

1898 -

Lot #(s):

F76180203

205

207

212

Client:

Flow Hanford

COC/RFA No:

Seabelow

Quote No:

75710, 7417, 7545

Initiated By:

MB

Date:

7-18-07

Time:

9:00

Shipping Information

Shipper Name:

FE

Shipping # (s):*

Multiple Packages

☒ Y N

Sample Temperature (s):**

1. 7907 8535 3339

6.

2. 7996 7165 3863

7.

3.

8.

4.

9.

5.

10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y N	Was sample received broken?	8.	<input checked="" type="radio"/> Y N	Sample received with Chain of Custody?
2.	<input checked="" type="radio"/> Y N N/A	Was sample received with proper pH? (If not, make note below)	9.	<input checked="" type="radio"/> Y N	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A-Was pH taken by original STL Lab?	10.	<input checked="" type="radio"/> Y N	Are there custody seals present on cooler?
4.	<input checked="" type="radio"/> Y N	Sample received in proper containers?	11.	Y <input checked="" type="radio"/> N/A	Do custody seals on cooler appear to be tampered with?
5.	<input checked="" type="radio"/> Y N	Sample volume sufficient for analysis?	12.	<input checked="" type="radio"/> Y N	Are there custody seals present on bottles?
6.	Y <input checked="" type="radio"/> N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y <input checked="" type="radio"/> N/A	Do custody seals on bottles appear to be tampered with?
7.	<input checked="" type="radio"/> Y N	Were contents of cooler frisked after opening, but before unpacking?	14.	Y N	Was Internal COC/Workshare received?

For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

COC# - 807-006-12, 4, 5
 807-007-64
 807-007-292, 36
 807-007-79, 65
 807-006

all samples on COC 807-006 came in on def Temp.

Corrective Action:

☐ Client Contact Name:

Informed by:

☐ Sample(s) processed "as is"☐ Sample(s) on hold until:

If released, notify:

Project Management Review:

Date: 07-21-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

ADMIN-0004, REVISED 04/18/07\Slsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

[illegible]

Relinquished By PHIL HANFORD D. R. BREWINGTON	Print <i>Phil Hanford</i>	Signature <i>[Signature]</i>	Date/Time JUL 18 2007 10:40	Received By FEDEX	Print <i>Phil Hanford</i>	Signature <i>[Signature]</i>	Date/Time JUL 18 2007	Matrix *	
Relinquished By FEDEX	Print <i>Phil Hanford</i>	Signature <i>[Signature]</i>	Date/Time 7-19-07 09:15	Received By Jill Clarke	Print <i>Phil Hanford</i>	Signature <i>[Signature]</i>	Date/Time 7-19-07 09:15	S = Soil SE = Sediment SO = Solid SI = Sludge W = Water O = Oil A = Air	DS = Drum Solid DI = Drum Liquid T = Tissue WI = Wine L = Liquid V = Vegetation X = Other
Relinquished By 7	Print <i>Phil Hanford</i>	Signature <i>[Signature]</i>	Date/Time 7-19-07 09:15	Received By Jill Clarke	Print <i>Phil Hanford</i>	Signature <i>[Signature]</i>	Date/Time 7-19-07 09:15		
Relinquished By 7	Print <i>Phil Hanford</i>	Signature <i>[Signature]</i>	Date/Time 7-19-07 09:15	Received By Jill Clarke	Print <i>Phil Hanford</i>	Signature <i>[Signature]</i>	Date/Time 7-19-07 09:15		
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By			Date/Time		

Relinquished By R. T. SICKLE	Date/Time JUL 18 2007 1430	Received By FEDEX	Date/Time	Matrix * S = Soil DS = Drum Solid SF = Sediment DI = Drum Liquid SO = Solid T = Tissue SL = Sludge W1 = Wine W = Water L = Liquid O = Oil V = Veneation A = Air X = Other
Relinquished By FEDEX	Date/Time 7-19-07 09:15	Received By Bill Clark	Date/Time 7-19-07 0915	
Relinquished By	Date/Time	Received By	Date/Time	
Relinquished By CO	Date/Time	Received By	Date/Time	
Relinquished By	Date/Time	Received By	Date/Time	
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)		Disposed By	Date/Time

SDC# SL#
FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

S07-006-482

Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	Contact/Requester Steve Trent	Telephone No. 509-373-5869	MSIN	FAX
SAF No. S07-006	Sampling Origin Hanford Site	Purchase Order/Charge Code		
Project Title SURV. JUNE 2007	Logbook: HNF-N-506-8	Ice Chest No.	Temp. ERC-99-0517	
Shipped To (Lab) Severn Trent St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No.	7987 2157 1929	
Protocol SURV	Priority: 45 Days	Offsite Property No.		

POSSIBLE SAMPLE HAZARDS/REMARKS

** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL INSTRUCTIONS

Hold Time

Total Activity Exemption: Yes ☒ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NL75 (F)		W	7/18/07	1050	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NL76		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NL78		W			1x20-mL P	Activity Scan	None
B1NL78		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NL76		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1NL76		W			3x1000-mL aG	8270_SVOA_GCMS: List-1 (13)	Cool 4C
<div>2. Wall 7/18/07</div>							

Relinquished By Fluor Hanford R. T. SICKLE	Date/Time JUL 18 2007 1430	Received By FEDEX	Date/Time	Matrix * S = Soil DS = Drum Solid SE = Sediment DL = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other	
Relinquished By RDE	Date/Time 7-19-07 09:10	Received By Jel Clarke	Date/Time 7-19-07 0915		
Relinquished By	Date/Time	Received By	Date/Time		
Relinquished By	Date/Time	Received By	Date/Time		
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By	Date/Time

STL ST. LOUIS
RECEIVED AUGUST 24 2007

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results [Quick Help](#)

Tracking number	798721571929	Reference	erc-99-057
Signed for by	J.CLARK	Destination	Earth City, MO
Ship date	Jul 18, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 19, 2007 9:10 AM	Service type	Priority Overnight
		Weight	72.0 lbs.
Status	Delivered		
Signature image available	<u>Yes</u>		

Date/Time	Activity	Location	Details
Jul 19, 2007	9:10 AM Delivered	Earth City, MO	
	7:37 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	6:40 AM At local FedEx facility	EARTH CITY, MO	
	1:15 AM Arrived at FedEx location	MEMPHIS, TN	
Jul 18, 2007	5:43 PM Left origin	PASCO, WA	
	4:36 PM Package data transmitted to FedEx		
	4:04 PM Picked up	PASCO, WA	

[Signature proof](#) [E-mail results](#) [Track more shipments](#)

Subscribe to tracking updates (optional)

Your Name:

Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or
non-English characters.☒ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)[Submit](#)

Track Shipments
 Detailed Results

[Quick Help](#)

Tracking number	799177738490	Reference	saws560
Signed for by	J.CLARK	Destination	Earth City, MO
Ship date	Jul 18, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 19, 2007 9:10 AM	Service type	Priority Overnight
		Weight	13.0 lbs.

Status	Delivered
Signature image available	<u>Yes</u>

Date/Time	Activity	Location	Details
Jul 19, 2007	9:10 AM	Delivered	Earth City, MO
	6:45 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	6:38 AM	At local FedEx facility	EARTH CITY, MO
	5:59 AM	At dest sort facility	BERKELEY, MO
	4:01 AM	Departed FedEx location	MEMPHIS, TN
Jul 18, 2007	1:15 AM	Arrived at FedEx location	MEMPHIS, TN
	5:43 PM	Left origin	PASCO, WA
	4:04 PM	Picked up	PASCO, WA
	3:51 PM	Package data transmitted to FedEx	

[Signature proof](#) [E-mail alerts](#) [Track more shipments](#)

Subscribe to tracking updates (optional)

Your Name: Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
<input type="text"/>	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or non-English characters.

☒ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

RECEIVED AUGUST 24, 2007

STL

Lot #(s):

F76190478

- 2244 -

Condition Upon Receipt Form

Client: FluorCOC/RFA No: See BelowDate: 7.19.07Quote No: 75634, 75995Initiated By: [Signature]Time: 0915

75890

Shipping Information

Shipper Name: Feed Ex

Shipping # (s):*

Multiple Packages Y

Sample Temperature (s):**

1. 7987 2157 19292. 7991 7773 8490

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

1. 32. 4

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1. <u>Y</u> <u>N</u>	Was sample received broken?	8. <u>Y</u> <u>N</u>	Sample received with Chain of Custody?
2. <u>Y</u> <u>N</u> <u>N/A</u>	Was sample received with proper pH? (If not, make note below)	9. <u>Y</u> <u>N</u>	Chain of Custody matches sample ID's on container(s)?
3. <u>Y</u> <u>N</u>	If N/A- Was pH taken by original STL Lab?	10. <u>Y</u> <u>N</u>	Are there custody seals present on cooler?
4. <u>Y</u> <u>N</u>	Sample received in proper containers?	11. <u>Y</u> <u>N</u> <u>N/A</u>	Do custody seals on cooler appear to be tampered with?
5. <u>Y</u> <u>N</u>	Sample volume sufficient for analysis?	12. <u>Y</u> <u>N</u>	Are there custody seals present on bottles?
6. <u>Y</u> <u>N</u> <u>N/A</u>	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13. <u>Y</u> <u>N</u> <u>N/A</u>	Do custody seals on bottles appear to be tampered with?
7. <u>Y</u> <u>N</u>	Were contents of cooler frisked after opening, but before unpacking?	14. <u>Y</u> <u>N</u>	Was Internal COC/Workshare received?

† For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

S07-006-488 S07-006-17

L L -482

S07-007-291

W07-005-600

Corrective Action:

☐ Client Contact Name: _____☐ Sample(s) processed "as is"☐ Sample(s) on hold until: _____

Informed by: _____

If released, notify: _____

Date: 07-21-07

2

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results Quick Help

Tracking number	798721571929	Reference	erc-99-057
Signed for by	J.CLARK	Destination	Earth City, MO
Ship date	Jul 18, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 19, 2007 9:10 AM	Service type	Priority Overnight
		Weight	72.0 lbs.

Status	Delivered
Signature image available	<u>Yes</u>

Date/Time	Activity	Location	Details
Jul 19, 2007	9:10 AM	Delivered	Earth City, MO
	7:37 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	6:40 AM	At local FedEx facility	EARTH CITY, MO
	1:15 AM	Arrived at FedEx location	MEMPHIS, TN
Jul 18, 2007	5:43 PM	Left origin	PASCO, WA
	4:36 PM	Package data transmitted to FedEx	
	4:04 PM	Picked up	PASCO, WA

Signature proof	E-mail notification	Track more shipments
-----------------	---------------------	----------------------

Subscribe to tracking updates (optional)

Your Name: Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ WirelessAdd personal message:

Not available for Wireless or non-English characters.

☒ By selecting this check box and the Submit button, I agree to these Terms and Conditions

RECEIVED AUGUST 24, 2007

STL

Lot #(s):

F76190478

- 2244 -

463
487

Condition Upon Receipt Form

Client: FluorCOC/RFA No: See BelowDate: 7-19-07Quote No: 75634, 75995Initiated By: [Signature]Time: 0915

75890

Shipping Information

Shipper Name: Fed Ex

Shipping # (s):*

1. 7987 2157 19292. 7991 7773 8490

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Multiple Packages YSample Temperature (s):** 7.19.071. 32. 4

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1. <u>Y</u> <u>N</u>	Was sample received broken?	8. <u>Y</u> <u>N</u>	Sample received with Chain of Custody?
2. <u>Y</u> <u>N</u> <u>N/A</u>	Was sample received with proper pH ¹ ? (If not, make note below)	9. <u>Y</u> <u>N</u>	Chain of Custody matches sample ID's on container(s)?
3. <u>Y</u> <u>N</u>	If N/A- Was pH taken by original STL Lab?	10. <u>Y</u> <u>N</u>	Are there custody seals present on cooler?
4. <u>Y</u> <u>N</u>	Sample received in proper containers?	11. <u>Y</u> <u>N</u> <u>N/A</u>	Do custody seals on cooler appear to be tampered with?
5. <u>Y</u> <u>N</u>	Sample volume sufficient for analysis?	12. <u>Y</u> <u>N</u>	Are there custody seals present on bottles?
6. <u>Y</u> <u>N</u> <u>N/A</u>	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13. <u>Y</u> <u>N</u> <u>N/A</u>	Do custody seals on bottles appear to be tampered with?
7. <u>Y</u> <u>N</u>	Were contents of cooler frisked after opening, but before unpacking?	14. <u>Y</u> <u>N</u>	Was Internal COC/Workshare received?

¹ For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes

S07-006-488 S07-006-17

J J -482

S07-007-291

W07-005-600

Corrective Action:

☐ Client Contact Name: _____

Informed by: _____

☐ Sample(s) processed "as is"☐ Sample(s) on hold until: _____

If released, notify: _____

Date: 7-21-07SDG 1002 Project Management Review: [Signature]

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE PERSON TURNING THE ITEMS IN, THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM

POSSIBLE SAMPLE HAZARDS/REMARKS ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days. WSCF: Batch all GW samples submitted into one SDG, daily closure.
--	---

[illegible]

Relinquished By Fluor Hanford F. M. HALL	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time JUL 18 2007 / 1430	Received By FED Ex	Print	Sign	Date/Time JUL 18 2007	Matrix *	
Relinquished By FED Ex	Date/Time 7-19-07 09:15	Received By <i>[Signature]</i>	Date/Time 7.19.07 0915					S = Soil SE = Sediment SO = Solid SI = Sludge W = Water O = Oil A = Air	DS = Driven Solid DL = Driven Liquid T = Tissue WL = Wine L = Liquid V = Vegetation X = Other
Relinquished By	Date/Time	Received By	Date/Time						
Relinquished By	Date/Time	Received By	Date/Time						
FINAL SAMPLE DISPOSITION				Disposal Method (e.g., Return to customer, per lab procedure, used in process)					
Disposal By				Date/Time					

Track Shipments
 Detailed Results

 [Quick Help](#)

Tracking number	799177738490	Reference	saws560
Signed for by	J.CLARK	Destination	Earth City, MO
Ship date	Jul 18, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 19, 2007 9:10 AM	Service type	Priority Overnight
		Weight	13.0 lbs.

Status	Delivered
Signature image available	<u>Yes</u>

Date/Time	Activity	Location	Details
Jul 19, 2007	9:10 AM	Delivered	Earth City, MO
	6:45 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	6:38 AM	At local FedEx facility	EARTH CITY, MO
	5:59 AM	At dest sort facility	BERKELEY, MO
	4:01 AM	Departed FedEx location	MEMPHIS, TN
Jul 18, 2007	1:15 AM	Arrived at FedEx location	MEMPHIS, TN
	5:43 PM	Left origin	PASCO, WA
	4:04 PM	Picked up	PASCO, WA
	3:51 PM	Package data transmitted to FedEx	

[Signature proof](#) [E-mail alerts](#) [Track more shipments](#)

Subscribe to tracking updates (optional)

Your Name:

Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
<input type="text"/>	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text"/>	English	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or non-English characters.

☒ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

RECEIVED AUGUST 24, 2007

STL

Lot #(s):

F76190478

- 2244 -

Condition Upon Receipt Form

Client:

EMUOR

COC/RFA No:

See Below

Date:

7.19.07

Quote No:

75634, 75995

Initiated By:

Q

Time:

0915

75890

Shipping Information

Shipper Name:

Fed Ex

Shipping # (s):*

Multiple Packages

① 7.19.07

Sample Temperature (s):**

1. 7987 2157 1929
2. 7991 7773 8490
3. _____
4. _____
5. _____

6. _____
7. _____
8. _____
9. _____
10. _____

1. 3
2. 4
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1. Y (N)	Was sample received broken?	8. Y (N)	Sample received with Chain of Custody?
2. Y (N) N/A	Was sample received with proper pH? (If not, make note below)	9. Y (N)	Chain of Custody matches sample ID's on container(s)?
3. Y (N)	If N/A- Was pH taken by original STL Lab?	10. Y (N)	Are there custody seals present on cooler?
4. Y (N)	Sample received in proper containers?	11. Y (N) N/A	Do custody seals on cooler appear to be tampered with?
5. Y (N)	Sample volume sufficient for analysis?	12. Y (N)	Are there custody seals present on bottles?
6. Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13. Y (N) N/A	Do custody seals on bottles appear to be tampered with?
7. Y (N)	Were contents of cooler frisked after opening, but before unpacking?	14. Y (N)	Was Internal COC/Workshare received?

† For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

SD 7-006-488 SD 7-006-17

L L -482

SD 7-007-294

W 07-005-600

Corrective Action:

☐ Client Contact Name: _____

Informed by: _____

☐ Sample(s) processed "as is"☐ Sample(s) on hold until: _____

If released, notify: _____


Project Management Review: _____

Date: _____

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM

271

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results [Quick Help](#)

Tracking number	799179278357	Reference	SML-438
Signed for by	A.BRUNSON	Destination	Earth City, MO
Ship date	Jul 20, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 21, 2007 8:40 AM	Service type	Priority Overnight
		Weight	70.0 lbs.

Status Delivered

Signature image
available Yes

Date/Time	Activity	Location	Details
Jul 21, 2007	8:40 AM	Delivered	Earth City, MO
	7:19 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:07 AM	At local FedEx facility	EARTH CITY, MO
	5:37 AM	At dest sort facility	BERKELEY, MO
	4:07 AM	Departed FedEx location	MEMPHIS, TN
	12:54 AM	Arrived at FedEx location	MEMPHIS, TN
Jul 20, 2007	5:18 PM	Left origin	PASCO, WA
	4:08 PM	Picked up	PASCO, WA
	3:15 PM	Package data transmitted to FedEx	

[Signature proof](#) [E-mail results](#) [Track more shipments](#)

Subscribe to tracking updates (optional)

Your Name:

Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or
non-English characters.☐ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

STL

RECEIVED AUGUST 24, 2007 Lot #(s):

- 2350 -

F76210149
151
154
F76230215 20

F76230216 20

Condition Upon Receipt Form

Client: Flor Hambro COC/RFA No: See BelowQuote No: 75416, 75893, 75495 Initiated By: ABDate: 7-21-07Time: 8:45

Shipping Information

Shipper Name: FE

Shipping # (s):*

1. 7991 7927 8357

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Multiple Packages Y N

Sample Temperature (s):**

1. 2

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1. <u>Y</u> N	Was sample received broken?	8. <u>Y</u> N	Sample received with Chain of Custody?
2. <u>Y</u> N N/A	Was sample received with proper pH? (If not, make note below)	9. <u>Y</u> N	Chain of Custody matches sample ID's on container(s)?
3. Y N	If N/A-Was pH taken by original STL Lab?	10. <u>Y</u> N	Are there custody seals present on cooler?
4. <u>Y</u> N	Sample received in proper containers?	11. <u>Y</u> N N/A	Do custody seals on cooler appear to be tampered with?
5. <u>Y</u> N	Sample volume sufficient for analysis?	12. <u>Y</u> N	Are there custody seals present on bottles?
6. <u>Y</u> N N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13. <u>Y</u> N N/A	Do custody seals on bottles appear to be tampered with?
7. <u>Y</u> N	Were contents of cooler frisked after opening, but before unpacking?	14. Y N	Was Internal COC/Workshare received?

For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

COC # - 507-004507-006507-007-296, 507-007-52W07-006W07-007

Corrective Action:

☐ Client Contact Name: _____☐ Sample(s) processed "as is"☐ Sample(s) on hold until: _____Project Management Review: Michael


Informed by: _____

If released, notify: _____

Date: 7-26-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results [Quick Help](#)

Tracking number	799179278357	Reference	SML-438
Signed for by	A.BRUNSON	Destination	Earth City, MO
Ship date	Jul 20, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 21, 2007 8:40 AM	Service type	Priority Overnight
		Weight	70.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time	Activity	Location	Details
Jul 21, 2007	8:40 AM Delivered	Earth City, MO	
	7:19 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	7:07 AM At local FedEx facility	EARTH CITY, MO	
	5:37 AM At dest sort facility	BERKELEY, MO	
	4:07 AM Departed FedEx location	MEMPHIS, TN	
	12:54 AM Arrived at FedEx location	MEMPHIS, TN	
Jul 20, 2007	5:18 PM Left origin	PASCO, WA	
	4:08 PM Picked up	PASCO, WA	
	3:15 PM Package data transmitted to FedEx		

[Signature proof](#) [Email results](#) [Track more shipments](#)

Subscribe to tracking updates (optional)

Your Name:

Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or
non-English characters.☐ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)[Submit](#)

STL

RECEIVED AUGUST 24, 2007

Lot #(s): F7G210149 F7G230216⁸⁰

- 2350 -

152
154
F7G230215⁸⁰

Condition Upon Receipt Form

Client: Flor Hambach COC/RFA No: 75990, 75993, 75995
Quote No: 76200, 75630Initiated By: ABDate: 7-21-07
Time: 8:45

Shipping Information

Shipper Name: FEShipping # (s): 7991 7927 8357Multiple Packages Y N

Sample Temperature (s):**

1. <u>2</u>	6. _____
2. _____	7. _____
3. _____	8. _____
4. _____	9. _____
5. _____	10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1. <u>Y</u> N	Was sample received broken?	8. <u>Y</u> N	Sample received with Chain of Custody?
2. <u>Y</u> N N/A	Was sample received with proper pH ¹ ? (If not, make note below)	9. <u>Y</u> N	Chain of Custody matches sample ID's on container(s)?
3. <u>Y</u> N	If N/A-Was pH taken by original STL Lab?	10. <u>Y</u> N	Are there custody seals present on cooler?
4. <u>Y</u> N	Sample received in proper containers?	11. <u>Y</u> N N/A	Do custody seals on cooler appear to be tampered with?
5. <u>Y</u> N	Sample volume sufficient for analysis?	12. <u>Y</u> N	Are there custody seals present on bottles?
6. <u>Y</u> N N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13. <u>Y</u> N N/A	Do custody seals on bottles appear to be tampered with?
7. <u>Y</u> N	Were contents of cooler frisked after opening, but before unpacking?	14. <u>Y</u> N	Was Internal COC/Workshare received?

¹ For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

COC # - S07-004
S07-006
S07-007
W07-006
W07-007-39

Corrective Action:

- ☐ Client Contact Name: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____

Informed by: _____

Project Management Review: milled


If released, notify: _____

Date: 07-26-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results

 Quick Help

Tracking number	799179278357	Reference	SML-438
Signed for by	A.BRUNSON	Destination	Earth City, MO
Ship date	Jul 20, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 21, 2007 8:40 AM	Service type	Priority Overnight
		Weight	70.0 lbs.

Status	Delivered
Signature Image available	<u>Yes</u>

Date/Time	Activity	Location	Details
Jul 21, 2007	8:40 AM Delivered	Earth City, MO	
	7:19 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	7:07 AM At local FedEx facility	EARTH CITY, MO	
	5:37 AM At dest sort facility	BERKELEY, MO	
	4:07 AM Departed FedEx location	MEMPHIS, TN	
	12:54 AM Arrived at FedEx location	MEMPHIS, TN	
Jul 20, 2007	5:18 PM Left origin	PASCO, WA	
	4:08 PM Picked up	PASCO, WA	
	3:15 PM Package data transmitted to FedEx		

Subscribe to tracking updates (optional)

Your Name:

Your E-mail Address:

E-mail address

Language

Exception updates

Delivery updates

English

English

English

English

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or non-English characters.

☒ By selecting this check box and the Submit button, I agree to these Terms and Conditions



STL

RECEIVED AUGUST 24, 2007

Lot #(s):

F76210149

F76230216⁸⁰

- 2350 -

F76230215⁸⁰

Condition Upon Receipt Form

Client: Flor Hamburgs COC/RFA No: See BelowDate: 7-21-07Quote No: 75914, 75943, 75945 Initiated By: ABTime: 8:4576200, 75630

Shipping Information

Shipper Name: FE

Shipping # (s):*

Multiple Packages Y N

Sample Temperature (s):**

1.	<u>2</u>	6.	
2.		7.	
3.		8.	
4.		9.	
5.		10.	

1. 7991 7927 8357

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1. <input checked="" type="radio"/> Y <input type="radio"/> N	Was sample received broken?	8. <input checked="" type="radio"/> Y <input type="radio"/> N	Sample received with Chain of Custody?
2. <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A	Was sample received with proper pH? (If not, make note below)	9. <input checked="" type="radio"/> Y <input type="radio"/> N	Chain of Custody matches sample ID's on container(s)?
3. <input type="radio"/> Y <input type="radio"/> N	If N/A-Was pH taken by original STL Lab?	10. <input checked="" type="radio"/> Y <input type="radio"/> N	Are there custody seals present on cooler?
4. <input checked="" type="radio"/> Y <input type="radio"/> N	Sample received in proper containers?	11. <input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Do custody seals on cooler appear to be tampered with?
5. <input checked="" type="radio"/> Y <input type="radio"/> N	Sample volume sufficient for analysis?	12. <input checked="" type="radio"/> Y <input type="radio"/> N	Are there custody seals present on bottles?
6. <input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13. <input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Do custody seals on bottles appear to be tampered with?
7. <input checked="" type="radio"/> Y <input type="radio"/> N	Were contents of cooler frisked after opening, but before unpacking?	14. <input type="radio"/> Y <input type="radio"/> N	Was Internal COC/Workshare received?

† For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

COC # - S07-004-148
 S07-006
 S07-007
 W07-006
 W07-007

Corrective Action:

☐ Client Contact Name: _____

Informed by: _____

☐ Sample(s) processed "as is"☐ Sample(s) on hold until: _____

If released, notify: _____

Project Management Review: initialDate: 07-26-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

FLOOR HANFORD 51702		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		C.O.C. # S07-006-308	
Collector Floor Hanford K. B. HULSE		Contact/Requester Steve Trent		Telephone No. 509-373-5869	
SAP No. S07-006		Sampling Origin Hanford Site		MSIN FAX	
Project Title SURV. JUNE 2007		Purchase Order/Charge Code		Ice Chest No. 514638	
Shipped To (Lab) Severn Trent St. Louis		Method of Shipment Govt. Vehicle		Temp. 7991 7927 8357	
Protocol SURV		Priority: 45 Days		Bill of Lading/Air Bill No.	
POSSIBLE SAMPLE HAZARDS/REMARKS ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)		SPECIAL INSTRUCTIONS		Held Time Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

[illegible]

Relinquished By K. B. HULSE	Print <i>KB Hulse</i>	Sign <i>KB Hulse</i>	Date/Time JUL 20 2007	Received By FEDEX	Print <i>FEDEX</i>	Sign <i>FEDEX</i>	Date/Time JUL 20 2007	Matrix *	
Relinquished By ROEX	Date/Time 7-21-07 08:45	Received By Ananya Zuoan	Date/Time 7-21-07 8:45					S = Soil SF = Sediment SO = Solid SI = Sludge W = Water O = Oil A = Air	DS = Drums Solid DL = Drums Liquid T = Tissue WI = Wine L = Liquid V = Vegetation X = Other
Relinquished By LO	Date/Time	Received By	Date/Time						
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By			Date/Time		

312

SD# SI

SL702

C.O.C.#

S07-006-314

Page 1 of 1

Collector Fluor Hanford
7-28-07 E. M. HALL RT SICKLE

SAF No. S07-006

Project Title
SURV. JUNE 2007

Shipped To (Lab) _____
Severn Trent St. Louis _____

Protocol
SURV

Contact/Requester
Steve Trent

Sampling Origin	Hanford Site
-----------------	--------------

Telephone No.
509-373-586

MSIN

FAX

Purchase Order/Charge CodeIce Chest No. E141 1/2 Temp.

Bill of Lading/Air Bill No.	799/ 7927 8357
-----------------------------	----------------

Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS	
1	1
2	2
3	3
4	4
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96	96
97	97
98	98
99	99
100	100

* * * Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL INSTRUCTIONS

Hold Time

Total Activity Exemption: Yes ☒ No ☐

[illegible]

Relinquished By 4-7-20-07 Fluor Hanford EM HALL	Print Signature	Date/Time JUL 12 2007	Received By FedEx	Print Signature	Date/Time JUL 12 2007	Matrix * S = Soil DS = Drum Solid SE = Sediment DL = Drum Liquid SO = Solid T = Tissue SL = Sludge WL = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By RDE	Date/Time 7-21-07 08:45	Received By Angela Brown	Date/Time 7-21-07 8:45			
Relinquished By	Date/Time	Received By	Date/Time			
Relinquished By	Date/Time	Received By	Date/Time			
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)		Disposed By		Date/Time

STL ST. LOUIS
RECEIVED AUGUST 24, 2007

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results [Quick Help](#)

Tracking number	799179278357	Reference	SML-438
Signed for by	A.BRUNSON	Destination	Earth City, MO
Ship date	Jul 20, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 21, 2007 8:40 AM	Service type	Priority Overnight
		Weight	70.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time	Activity	Location	Details
Jul 21, 2007	8:40 AM Delivered	Earth City, MO	
	7:19 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	7:07 AM At local FedEx facility	EARTH CITY, MO	
	5:37 AM At dest sort facility	BERKELEY, MO	
	4:07 AM Departed FedEx location	MEMPHIS, TN	
	12:54 AM Arrived at FedEx location	MEMPHIS, TN	
Jul 20, 2007	5:18 PM Left origin	PASCO, WA	
	4:08 PM Picked up	PASCO, WA	
	3:15 PM Package data transmitted to FedEx		

Subscribe to tracking updates (optional)

Your Name:

Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or
non-English characters.☒ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

STL

RECEIVED AUGUST 24, 2007

Lot #(s):

F76210149

F76230216⁹⁰

- 2350 -

F76230215⁸⁰

Condition Upon Receipt Form

Client: Flor Hambro COC/RFA No: 75996, 75993, 75995Quote No: 76200, 75636 Initiated By: ABDate: 7-21-07Time: 8:45

Shipping Information

Shipper Name: FE

Shipping # (s):*

Multiple Packages Y P

Sample Temperature (s):**

1. 7991 7927 8357

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

1. 2

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1. <u>Y</u> N	Was sample received broken?	8. <u>Y</u> N	Sample received with Chain of Custody?
2. <u>Y</u> N N/A	Was sample received with proper pH? (If not, make note below)	9. <u>Y</u> N	Chain of Custody matches sample ID's on container(s)?
3. Y N	If N/A- Was pH taken by original STL Lab?	10. <u>Y</u> N	Are there custody seals present on cooler?
4. <u>Y</u> N	Sample received in proper containers?	11. <u>Y</u> N N/A	Do custody seals on cooler appear to be tampered with?
5. <u>Y</u> N	Sample volume sufficient for analysis?	12. <u>Y</u> N	Are there custody seals present on bottles?
6. <u>Y</u> N N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13. <u>Y</u> N N/A	Do custody seals on bottles appear to be tampered with?
7. <u>Y</u> N	Were contents of cooler frisked after opening, but before unpacking?	14. Y N	Was internal COC/Workshare received?

† For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

COC# - S07-004

S07-006 - 308, 320, 314

S07-007

W07-006

W07-007

Corrective Action:

☐ Client Contact Name: _____☐ Sample(s) processed "as is"☐ Sample(s) on hold until: _____Project Management Review: millth

Informed by: _____

If released, notify: _____

Date: 7-26-07

312

Relinquished By Fluor Hanford K. B. HULSE	Print <i>[Signature]</i>	Sign JUL 20 2007 1980	Received By FED Ex	Print JUL 20 2007	Date/Time 1400	Matrix * S = Soil DS = Drwn Solid SE = Sediment DL = Drwn Liquid SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By FED Ex	Date/Time 07-21-07 08:45	Received By Angela Brown	Date/Time 7-21-07 8:45			
Relinquished By	Date/Time	Received By	Date/Time			
Relinquished By	Date/Time	Received By	Date/Time			
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By		Date/Time

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results Quick Help

Tracking number	799179278357	Reference	SML-438
Signed for by	A.BRUNSON	Destination	Earth City, MO
Ship date	Jul 20, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 21, 2007 8:40 AM	Service type	Priority Overnight
		Weight	70.0 lbs.

Status Delivered

Signature image
available Yes

Date/Time	Activity	Location	Details
Jul 21, 2007	8:40 AM Delivered	Earth City, MO	
	7:19 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	7:07 AM At local FedEx facility	EARTH CITY, MO	
	5:37 AM At dest sort facility	BERKELEY, MO	
	4:07 AM Departed FedEx location	MEMPHIS, TN	
	12:54 AM Arrived at FedEx location	MEMPHIS, TN	
Jul 20, 2007	5:18 PM Left origin	PASCO, WA	
	4:08 PM Picked up	PASCO, WA	
	3:15 PM Package data transmitted to FedEx		



Subscribe to tracking updates (optional)

Your Name: _____

Your E-mail Address: _____

E-mail address	Language	Exception updates	Delivery updates
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message: _____

Not available for Wireless or
non-English characters.☒ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

STL

RECEIVED AUGUST 24, 2007

Lot #(s): F76210149F76230214

- 2350 -

151
154
F76230215

Condition Upon Receipt Form

Client: Flor Hambro COC/RFA No: See Below
Quote No: 75496, 75493, 75495 Initiated By: ABDate: 7-21-07
Time: 8:45

Shipping Information

Shipper Name: FE

Shipping # (s):*

Multiple Packages Y N

Sample Temperature (s):**

1. <u>7991</u> <u>7927</u> <u>8357</u>	6. _____	1. <u>2</u>	6. _____
2. _____	7. _____	2. _____	7. _____
3. _____	8. _____	3. _____	8. _____
4. _____	9. _____	4. _____	9. _____
5. _____	10. _____	5. _____	10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1. <u>Y</u> N	Was sample received broken?	8. <u>Y</u> N	Sample received with Chain of Custody?
2. <u>Y</u> N N/A	Was sample received with proper pH ¹ ? (If not, make note below)	9. <u>Y</u> N	Chain of Custody matches sample ID's on container(s)?
3. Y N	If N/A- Was pH taken by original STL Lab?	10. <u>Y</u> N	Are there custody seals present on cooler?
4. <u>Y</u> N	Sample received in proper containers?	11. Y <u>N</u> N/A	Do custody seals on cooler appear to be tampered with?
5. <u>Y</u> N	Sample volume sufficient for analysis?	12. <u>Y</u> N	Are there custody seals present on bottles?
6. Y <u>N</u> N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13. Y <u>N</u> N/A	Do custody seals on bottles appear to be tampered with?
7. <u>Y</u> N	Were contents of cooler frisked after opening, but before unpacking?	14. Y N	Was Internal COC/Workshare received?

¹ For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

COC # - S07-004
S07-006
S07-007
W07-006-266
W07-007

Corrective Action:

- ☐ Client Contact Name: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____

Informed by: _____

Project Management Review: Smith Lh

If released, notify: _____

Date: 07-26-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

RECEIVED AUGUST 24, 2007

Track Shipments
Detailed Results Quick Help

Tracking number	792384808563	Reference	SML-125
Signed for by	T.HILL	Destination	Earth City, MO
Ship date	Jul 25, 2007	Delivered to	Shipping/Receiving
Delivery date	Jul 26, 2007 8:04 AM	Service type	Priority Overnight
		Weight	34.0 lbs.
Status	Delivered		
Signature Image available	Yes		

Date/Time	Activity	Location	Details
Jul 26, 2007	8:04 AM Delivered	Earth City, MO	
	6:51 AM On FedEx vehicle for delivery	EARTH CITY, MO	
	6:44 AM At local FedEx facility	EARTH CITY, MO	
	5:38 AM At dest sort facility	BERKELEY, MO	
	4:37 AM Departed FedEx location	MEMPHIS, TN	
	1:01 AM Arrived at FedEx location	MEMPHIS, TN	
Jul 25, 2007	5:33 PM Left origin	PASCO, WA	
	3:43 PM Picked up	PASCO, WA	
	2:53 PM Package data transmitted to FedEx		

Signature proof	E-mail results	Track more shipments
---------------------------------	--------------------------------	--------------------------------------

Subscribe to tracking updates (optional)

Your Name:

Your E-mail Address:

E-mail address	Language	Exception updates	Delivery updates
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or non-English characters.

☐ By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

RECEIVED AUGUST 24, 2007

Lot #(s):

F 79260301

- 2230 -

STL

Client: Fluor Hanford COC/RFA No:

Condition Upon Receipt Form

174

Quote No: 75841 Re Initiated By: SA

R07-014-001, 507-005

Date:

07.26.07

Time:

0915

Shipping Information

Shipper Name: FedEx

Shipping # (s):*

Multiple Packages

Y

N

Sample Temperature (s):**

1. 7923 8480 8563

6.

1. 2°

6.

2.

7.

2.

7.

3.

8.

3.

8.

4.

9.

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5.

10.

5.

10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C. If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solid

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	<input checked="" type="radio"/> Y <input type="radio"/> N	Was sample received broken?	8.	<input checked="" type="radio"/> Y <input type="radio"/> N	Sample received with Chain of Custody?
2.	<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> N/A	Was sample received with proper pH? (If not, make note below)	9.	<input checked="" type="radio"/> Y <input type="radio"/> N	Chain of Custody matches sample ID's on container(s)?
3.	<input type="radio"/> Y <input type="radio"/> N	If N/A-Was pH taken by original STL Lab?	10.	<input checked="" type="radio"/> Y <input type="radio"/> N	Are there custody seals present on cooler?
4.	<input checked="" type="radio"/> Y <input type="radio"/> N	Sample received in proper containers?	11.	<input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Do custody seals on cooler appear to be tampered with?
5.	<input checked="" type="radio"/> Y <input type="radio"/> N	Sample volume sufficient for analysis?	12.	<input checked="" type="radio"/> Y <input type="radio"/> N	Are there custody seals present on bottles?
6.	<input type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	<input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Do custody seals on bottles appear to be tampered with?
7.	<input checked="" type="radio"/> Y <input type="radio"/> N	Were contents of cooler frisked after opening, but before unpacking?	14.	<input type="radio"/> Y <input type="radio"/> N	Was Internal COC/Workshare received?

For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

COC - 507-005-174

Corrective Action:

☐ Client Contact Name:

Informed by:

☐ Sample(s) processed "as is"☐ Sample(s) on hold until:

If released, notify:

Project Management Review:

Date:

07-22-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE PERSON WHO RECEIVED THE ITEMS, THEY MUST APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

STL ST. LOUIS

RECEIVED AUGUST 24, 2007

VOLATILES

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1N317

GC/MS Volatiles

Lot-Sample #....: F7G130254-001 Work Order #....: J2VNC1AC Matrix.....: WATER
 Date Sampled....: 07/12/07 Date Received...: 07/13/07
 Prep Date.....: 07/17/07 Analysis Date...: 07/17/07
 Prep Batch #....: 7200645
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND N	2.0	ug/L	0.80
Methylene chloride	0.18 J	1.0	ug/L	0.10
Carbon disulfide	0.28 J,N	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	15	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	12	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND N	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	0.84 J	1.0	ug/L	0.17
Tetrahydrofuran	ND N	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	89	(69 - 119)
Dibromofluoromethane	57 *	(74 - 134)
1,2-Dichloroethane-d4	88	(72 - 128)
4-Bromofluorobenzene	84	(71 - 115)

NOTE(S):

- * Surrogate recovery is outside stated control limits.
- N Spike sample recovery is outside control limits.
- J Estimated result. Result is less than RL.
- N Spike sample recovery is outside control limits.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

B1N317

GC/MS Volatiles

Lot-Sample #: F7G130254-001

Work Order #: J2VNC1AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1N317

GC/MS Volatiles

Lot-Sample #....: F7G130254-001 Work Order #....: J2VNC2AC Matrix.....: WATER
Date Sampled....: 07/12/07 Date Received...: 07/13/07
Prep Date.....: 07/18/07 Analysis Date...: 07/18/07
Prep Batch #....: 7200651
Dilution Factor: 100 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Carbon tetrachloride	1700 D	100	ug/L	10

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	89	(69 - 119)
Dibromofluoromethane	93	(74 - 134)
1,2-Dichloroethane-d4	92	(72 - 128)
4-Bromofluorobenzene	86	(71 - 115)

NOTE(S) :

D Result was obtained from the analysis of a dilution.

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Fluor Hanford Inc

Client Sample ID: B1NHC1

GC/MS Volatiles

Lot-Sample #....: F7G130260-002 Work Order #....: J2VP11AG Matrix.....: WATER
 Date Sampled....: 07/12/07 Date Received...: 07/13/07
 Prep Date.....: 07/18/07 Analysis Date...: 07/18/07
 Prep Batch #....: 7200651
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethyl acetate	ND	2.0	ug/L	0.23
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND N	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	2.0	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	0.55 J	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND N	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Toluene-d8	88	(69 - 119)
Dibromofluoromethane	91	(74 - 134)
1,2-Dichloroethane-d4	91	(72 - 128)
4-Bromofluorobenzene	84	(71 - 115)

NOTE(S):

N Spike sample recovery is outside control limits.

J Estimated result. Result is less than RL.

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Fluor Hanford Inc

B1NHCl

GC/MS Volatiles

Lot-Sample #: F7G130260-002

Work Order #: J2VP11AG

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

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Fluor Hanford Inc

Client Sample ID: B1NHC1

GC/MS Volatiles

Lot-Sample #....: F7G130260-002 Work Order #....: J2VP12AG Matrix.....: WATER
Date Sampled....: 07/12/07 Date Received...: 07/13/07
Prep Date.....: 07/20/07 Analysis Date...: 07/20/07
Prep Batch #....: 7205211
Dilution Factor: 5 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	87 D,N	5.0	ug/L	0.50

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(69 - 119)
Dibromofluoromethane	103	(74 - 134)
1,2-Dichloroethane-d4	100	(72 - 128)
4-Bromofluorobenzene	87	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

N Spike sample recovery is outside control limits.

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Fluor Hanford Inc

Client Sample ID: B1NKL3

GC/MS Volatiles

Lot-Sample #....: F7G130265-001
 Date Sampled....: 07/12/07
 Prep Date.....: 07/17/07
 Prep Batch #....: 7200645
 Dilution Factor: 1

Work Order #....: J2VQ11AC
 Date Received...: 07/13/07
 Analysis Date...: 07/17/07
 Method.....: SW846 8260B

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND N	2.0	ug/L	0.80
Methylene chloride	2.0	1.0	ug/L	0.10
Carbon disulfide	0.23 J,N	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	0.41 J	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND N	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND N	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	86	(69 - 119)
Dibromofluoromethane	90	(74 - 134)
1,2-Dichloroethane-d4	89	(72 - 128)
4-Bromofluorobenzene	89	(71 - 115)

NOTE(S):

N Spike sample recovery is outside control limits.
 J Estimated result. Result is less than RL.
 N Spike sample recovery is outside control limits.

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Fluor Hanford Inc

B1NKL3

GC/MS Volatiles

Lot-Sample #: F7G130265-001

Work Order #: J2VQ11AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

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Fluor Hanford Inc

Client Sample ID: B1MX26

GC/MS Volatiles

Lot-Sample #....: F7G170247-001
 Date Sampled....: 07/16/07
 Prep Date.....: 07/18/07
 Prep Batch #....: 7200651
 Dilution Factor: 1

Work Order #....: J22LE1AC
 Date Received...: 07/17/07
 Analysis Date...: 07/18/07
 Method.....: SW846 8260B

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	0.18 J,N	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	7.8	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	3.0	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND N	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	88	(69 - 119)
Dibromofluoromethane	55 *	(74 - 134)
1,2-Dichloroethane-d4	91	(72 - 128)
4-Bromofluorobenzene	86	(71 - 115)

NOTE(S) :

- * Surrogate recovery is outside stated control limits.
 J Estimated result. Result is less than RL.
 N Spike sample recovery is outside control limits.
 N Spike sample recovery is outside control limits.

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Fluor Hanford Inc

B1NX26

GC/MS Volatiles

Lot-Sample #: F7G170247-001

Work Order #: J22LE1AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

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Fluor Hanford Inc

Client Sample ID: B1NX26

GC/MS Volatiles

Lot-Sample #....: F7G170247-001 Work Order #....: J22LE2AC Matrix.....: WATER
Date Sampled....: 07/16/07 Date Received...: 07/17/07
Prep Date.....: 07/20/07 Analysis Date...: 07/20/07
Prep Batch #....: 7205211
Dilution Factor: 100 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Carbon tetrachloride	1200 D,N	100	ug/L	10

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	108	(69 - 119)
Dibromofluoromethane	98	(74 - 134)
1,2-Dichloroethane-d4	98	(72 - 128)
4-Bromofluorobenzene	91	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

N Spike sample recovery is outside control limits.

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Fluor Hanford Inc

Client Sample ID: B1NKL5

GC/MS Volatiles

Lot-Sample #....: F7G170249-001 Work Order #....: J22LF2AC Matrix.....: WATER
 Date Sampled....: 07/16/07 Date Received...: 07/17/07
 Prep Date.....: 07/20/07 Analysis Date...: 07/20/07
 Prep Batch #....: 7205211
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	0.85 J	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND N	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND N	1.0	ug/L	0.10
Carbon tetrachloride	ND N	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	0.31 J	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	103	(69 - 119)
Dibromofluoromethane	101	(74 - 134)
1,2-Dichloroethane-d4	102	(72 - 128)
4-Bromofluorobenzene	90	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

N Spike sample recovery is outside control limits.

STL ST. LOUIS

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Fluor Hanford Inc

B1NXL5

GC/MS Volatiles

Lot-Sample #: F7G170249-001

Work Order #: J22LF2AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

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Fluor Hanford Inc

Client Sample ID: B1NY25

GC/MS Volatiles

Lot-Sample #....: F7G170250-002 Work Order #....: J22LM1AD Matrix.....: WATER
 Date Sampled....: 07/16/07 Date Received...: 07/17/07
 Prep Date.....: 07/18/07 Analysis Date...: 07/18/07
 Prep Batch #....: 7200651
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND N	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	0.64 J	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	0.11 J	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND N	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	89	(69 - 119)
Dibromofluoromethane	91	(74 - 134)
1,2-Dichloroethane-d4	90	(72 - 128)
4-Bromofluorobenzene	84	(71 - 115)

NOTE(S):

N Spike sample recovery is outside control limits.

J Estimated result. Result is less than RL.

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Fluor Hanford Inc

B1NY25

GC/MS Volatiles

Lot-Sample #: F7G170250-002

Work Order #: J22LM1AD

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY25

GC/MS Volatiles

Lot-Sample #....: F7G170250-002

Work Order #....: J22LM2AD

Matrix.....: WATER

Date Sampled....: 07/16/07

Date Received...: 07/17/07

Prep Date.....: 07/20/07

Analysis Date...: 07/20/07

Prep Batch #....: 7205211

Dilution Factor: 10

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	10	ug/L	0.45
1,4-Dioxane	ND	800	ug/L	120
Ethylbenzene	ND	10	ug/L	0.64
Vinyl chloride	ND	20	ug/L	0.44
Acetone	ND	20	ug/L	8.0
Methylene chloride	5.7 J,D	10	ug/L	1.0
Carbon disulfide	ND	10	ug/L	1.0
1,1-Dichloroethane	ND	10	ug/L	0.46
2-Butanone	ND	50	ug/L	18
Chloroform	ND	10	ug/L	1.0
cis-1,2-Dichloroethene	ND	10	ug/L	0.48
Propionitrile	ND	50	ug/L	17
trans-1,2-Dichloroethene	ND N	10	ug/L	1.0
1,1,1-Trichloroethane	ND N	10	ug/L	1.0
Carbon tetrachloride	75 D,N	10	ug/L	1.0
1,2-Dichloroethane	ND	10	ug/L	1.1
Benzene	ND	10	ug/L	1.0
Trichloroethene	1.9 J,D	10	ug/L	1.0
4-Methyl-2-pentanone	ND	50	ug/L	2.1
1,1,2-Trichloroethane	ND	10	ug/L	0.92
Tetrachloroethene	ND	10	ug/L	1.7
Tetrahydrofuran	ND	100	ug/L	12
Xylenes (total)	ND	30	ug/L	3.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
1-Butanol	ND	400	ug/L	140
Toluene	ND	10	ug/L	1.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(69 - 119)
Dibromofluoromethane	99	(74 - 134)
1,2-Dichloroethane-d4	96	(72 - 128)
4-Bromofluorobenzene	91	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

N Spike sample recovery is outside control limits.

N Spike sample recovery is outside control limits.

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Fluor Hanford Inc

Client Sample ID: B1M6N0

GC/MS Volatiles

Lot-Sample #....: F7G180205-001 Work Order #....: J24HG1AC Matrix.....: WATER
 Date Sampled....: 07/17/07 Date Received...: 07/18/07
 Prep Date.....: 07/23/07 Analysis Date...: 07/23/07
 Prep Batch #....: 7205220
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	8.3	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	1.6	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	0.61 J	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Toluene-d8	95	(69 - 119)
Dibromofluoromethane	109	(74 - 134)
1,2-Dichloroethane-d4	111	(72 - 128)
4-Bromofluorobenzene	98	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

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Fluor Hanford Inc

B1M6N0

GC/MS Volatiles

Lot-Sample #: F7G180205-001

Work Order #: J24HGLAC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1M6N0

GC/MS Volatiles

Lot-Sample #....: F7G180205-001 Work Order #....: J24HG2AC Matrix.....: WATER
Date Sampled....: 07/17/07 Date Received...: 07/18/07
Prep Date.....: 07/31/07 Analysis Date...: 07/31/07
Prep Batch #....: 7213154
Dilution Factor: 50 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Carbon tetrachloride	540 D	50	ug/L	5.0

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	90	(69 - 119)
Dibromofluoromethane	101	(74 - 134)
1,2-Dichloroethane-d4	114	(72 - 128)
4-Bromofluorobenzene	94	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

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Fluor Hanford Inc

Client Sample ID: B1NXL7

GC/MS Volatiles

Lot-Sample #....: F7G180207-001 Work Order #....: J24HP1AC Matrix.....: WATER
 Date Sampled....: 07/17/07 Date Received...: 07/18/07
 Prep Date.....: 07/23/07 Analysis Date...: 07/23/07
 Prep Batch #....: 7205220
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	0.80 J	1.0	ug/L	0.10
Carbon disulfide	0.28 J	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	0.30 J	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(69 - 119)
Dibromofluoromethane	106	(74 - 134)
1,2-Dichloroethane-d4	109	(72 - 128)
4-Bromofluorobenzene	94	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

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Fluor Hanford Inc

B1NXL7

GC/MS Volatiles

Lot-Sample #: F7G180207-001

Work Order #: J24HP1AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NL80

GC/MS Volatiles

Lot-Sample #....: F7G190478-003

Work Order #....: J271P1AD

Matrix.....: WATER

Date Sampled....: 07/18/07

Date Received...: 07/19/07

Prep Date.....: 07/23/07

Analysis Date...: 07/23/07

Prep Batch #....: 7205220

Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	0.20 J	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	0.22 J	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	1.5	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	0.37 J	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(69 - 119)
Dibromofluoromethane	107	(74 - 134)
1,2-Dichloroethane-d4	107	(72 - 128)
4-Bromofluorobenzene	95	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

B1NL80

GC/MS Volatiles

Lot-Sample #: F7G190478-003

Work Order #: J271P1AD

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NL76

GC/MS Volatiles

Lot-Sample #....: F7G190478-005 Work Order #....: J271V1AD Matrix.....: WATER
 Date Sampled....: 07/18/07 Date Received...: 07/19/07
 Prep Date.....: 07/23/07 Analysis Date...: 07/23/07
 Prep Batch #....: 7205220
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Toluene-d8	97	(69 - 119)
Dibromofluoromethane	105	(74 - 134)
1,2-Dichloroethane-d4	106	(72 - 128)
4-Bromofluorobenzene	97	(71 - 115)

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Fluor Hanford Inc

B1NL76

GC/MS Volatiles

Lot-Sample #: F7G190478-005

Work Order #: J271V1AD

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NKM0

GC/MS Volatiles

Lot-Sample #....: F7G190485-001 Work Order #....: J273V1AC Matrix.....: WATER
 Date Sampled....: 07/18/07 Date Received...: 07/19/07
 Prep Date.....: 07/23/07 Analysis Date...: 07/23/07
 Prep Batch #....: 7205220
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	4.6	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(69 - 119)
Dibromofluoromethane	104	(74 - 134)
1,2-Dichloroethane-d4	111	(72 - 128)
4-Bromofluorobenzene	96	(71 - 115)

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

B1NXM0

GC/MS Volatiles

Lot-Sample #: F7G190485-001

Work Order #: J273V1AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NMM1

GC/MS Volatiles

Lot-Sample #....: F7G210149-001 Work Order #....: J3CTH1AC Matrix.....: WATER
 Date Sampled....: 07/20/07 Date Received...: 07/21/07
 Prep Date.....: 08/01/07 Analysis Date...: 08/01/07
 Prep Batch #....: 7215157
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	2.1	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	89	(69 - 119)
Dibromofluoromethane	97	(74 - 134)
1,2-Dichloroethane-d4	106	(72 - 128)
4-Bromofluorobenzene	94	(71 - 115)

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

B1NXM1

GC/MS Volatiles

Lot-Sample #: F7G210149-001

Work Order #: J3CTH1AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NL53

GC/MS Volatiles

Lot-Sample #....: F7G230215-002 Work Order #....: J3E0V1AC Matrix.....: WATER
 Date Sampled....: 07/20/07 Date Received...: 07/21/07
 Prep Date.....: 08/01/07 Analysis Date...: 08/01/07
 Prep Batch #....: 7215157
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	0.39 J	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Toluene-d8	90	(69 - 119)
Dibromofluoromethane	99	(74 - 134)
1,2-Dichloroethane-d4	110	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

B1NL53

GC/MS Volatiles

Lot-Sample #: F7G230215-002

Work Order #: J3E0V1AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: SL702
 MB Lot-Sample #: F7G190000-645

Work Order #....: J27701AA

Matrix.....: WATER

Analysis Date...: 07/17/07

Prep Date.....: 07/17/07

Dilution Factor: 1

Prep Batch #....: 7200645

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	80	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1-Butanol	ND	40	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	89	(69 - 119)
Dibromofluoromethane	88	(74 - 134)
1,2-Dichloroethane-d4	88	(72 - 128)
4-Bromofluorobenzene	85	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7G190000-645 B Work Order #: J27701AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

RECEIVED AUGUST 24, 2007

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: SL702

Work Order #....: J278A1AA

Matrix.....: WATER

MB Lot-Sample #: F7G190000-651

Prep Date.....: 07/18/07

Analysis Date...: 07/18/07

Prep Batch #....: 7200651

Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	80	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Ethyl acetate	ND	2.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	0.35 J	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1-Butanol	ND	40	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	87	(69 - 119)
Dibromofluoromethane	93	(74 - 134)
1,2-Dichloroethane-d4	92	(72 - 128)
4-Bromofluorobenzene	85	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7G190000-651 B Work Order #: J278A1AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

RECEIVED AUGUST 24, 2007

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: SL702
 MB Lot-Sample #: F7G240000-211

Work Order #....: J3FTQ1AA

Matrix.....: WATER

Analysis Date...: 07/20/07

Prep Date.....: 07/20/07

Dilution Factor: 1

Prep Batch #....: 7205211

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	80	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1-Butanol	ND	40	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(69 - 119)
Dibromofluoromethane	102	(74 - 134)
1,2-Dichloroethane-d4	105	(72 - 128)
4-Bromofluorobenzene	97	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7G240000-211 B Work Order #: J3FTQ1AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL702
 MB Lot-Sample #: F7G240000-220

Work Order #...: J3FMR1AA

Matrix.....: WATER

Analysis Date...: 07/23/07

Prep Date.....: 07/23/07

Dilution Factor: 1

Prep Batch #...: 7205220

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	80	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1-Butanol	ND	40	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(69 - 119)
Dibromofluoromethane	103	(74 - 134)
1,2-Dichloroethane-d4	110	(72 - 128)
4-Bromofluorobenzene	95	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7G240000-220 B Work Order #: J3FMR1AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL702
MB Lot-Sample #: F7H010000-154

Work Order #...: J31N71AA

Matrix.....: WATER

Analysis Date...: 07/31/07

Prep Date.....: 07/31/07

Dilution Factor: 1

Prep Batch #...: 7213154

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Toluene-d8	91	(69 - 119)
Dibromofluoromethane	98	(74 - 134)
1,2-Dichloroethane-d4	112	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL702
 MB Lot-Sample #: F7H030000-157

Work Order #...: J37WA1AA

Matrix.....: WATER

Prep Date.....: 08/01/07
 Analysis Date...: 08/01/07
 Dilution Factor: 1

Prep Batch #...: 7215157

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	80	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1-Butanol	ND	40	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	90	(69 - 119)
Dibromofluoromethane	101	(74 - 134)
1,2-Dichloroethane-d4	113	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

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GC/MS Volatiles

Lot-Sample #: F7H030000-157 B Work Order #: J37WA1AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702 Work Order #....: J27701AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: F7G190000-645 J27701AD-LCSD
 Prep Date.....: 07/17/07 Analysis Date...: 07/17/07
 Prep Batch #....: 7200645
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	8.55	ug/L	86		SW846 8260B
	10.0	9.71	ug/L	97	13	SW846 8260B
Ethylbenzene	10.0	9.29	ug/L	93		SW846 8260B
	10.0	10.3	ug/L	103	10	SW846 8260B
1,4-Dioxane	200	224	ug/L	112		SW846 8260B
	200	207	ug/L	103	8.2	SW846 8260B
Vinyl chloride	10.0	10.9	ug/L	109		SW846 8260B
	10.0	10.4	ug/L	104	4.6	SW846 8260B
Acetone	10.0	13.4 a	ug/L	134		SW846 8260B
	10.0	10.7 p	ug/L	107	23	SW846 8260B
Methylene chloride	10.0	9.30	ug/L	93		SW846 8260B
	10.0	10.5	ug/L	105	12	SW846 8260B
Carbon disulfide	10.0	15.0 a	ug/L	150		SW846 8260B
	10.0	9.89 p	ug/L	99	41	SW846 8260B
1,1-Dichloroethane	10.0	9.15	ug/L	92		SW846 8260B
	10.0	10.3	ug/L	103	12	SW846 8260B
2-Butanone	10.0	13.8	ug/L	138		SW846 8260B
	10.0	11.4	ug/L	114	19	SW846 8260B
Chloroform	10.0	7.99 a	ug/L	80		SW846 8260B
	10.0	10.1 p	ug/L	101	23	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.70	ug/L	87		SW846 8260B
	10.0	9.99	ug/L	100	14	SW846 8260B
Propionitrile	50.0	57.5	ug/L	115		SW846 8260B
	50.0	51.4	ug/L	103	11	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.55	ug/L	85		SW846 8260B
	10.0	9.96	ug/L	100	15	SW846 8260B
1,1,1-Trichloroethane	10.0	8.23	ug/L	82		SW846 8260B
	10.0	9.48	ug/L	95	14	SW846 8260B
Carbon tetrachloride	10.0	8.24	ug/L	82		SW846 8260B
	10.0	9.12	ug/L	91	10	SW846 8260B
1,2-Dichloroethane	10.0	8.93	ug/L	89		SW846 8260B
	10.0	9.88	ug/L	99	10	SW846 8260B
Benzene	10.0	9.45	ug/L	95		SW846 8260B
	10.0	10.4	ug/L	104	9.9	SW846 8260B
Trichloroethene	10.0	8.91	ug/L	89		SW846 8260B
	10.0	9.57	ug/L	96	7.1	SW846 8260B
4-Methyl-2-pentanone	10.0	14.2 a	ug/L	142		SW846 8260B
	10.0	10.8 p	ug/L	108	27	SW846 8260B
1,1,2-Trichloroethane	10.0	9.25	ug/L	92		SW846 8260B
	10.0	9.96	ug/L	100	7.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL702

Work Order #...: J27701AC-LCS

Matrix.....: WATER

LCS Lot-Sample#: F7G190000-645

J27701AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	10.0	8.80	ug/L	88		SW846 8260B
	10.0	9.96	ug/L	100	12	SW846 8260B
Tetrahydrofuran	50.0	54.5	ug/L	109		SW846 8260B
	50.0	53.8	ug/L	108	1.4	SW846 8260B
1,4-Dichlorobenzene	10.0	8.56	ug/L	86		SW846 8260B
	10.0	9.91	ug/L	99	15	SW846 8260B
1-Butanol	100	88.6	ug/L	89		SW846 8260B
	100	93.4	ug/L	93	5.3	SW846 8260B
Toluene	10.0	9.16	ug/L	92		SW846 8260B
	10.0	10.2	ug/L	102	11	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(85 - 121)
	99	(85 - 121)
Dibromofluoromethane	90	(84 - 117)
	95	(84 - 117)
1,2-Dichloroethane-d4	89	(72 - 124)
	94	(72 - 124)
4-Bromofluorobenzene	88	(80 - 121)
	94	(80 - 121)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL702 Work Order #...: J278A1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: F7G190000-651 J278A1AD-LCSD
 Prep Date.....: 07/18/07 Analysis Date...: 07/18/07
 Prep Batch #...: 7200651
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	8.42	ug/L	84		SW846 8260B
	10.0	8.18	ug/L	82	2.8	SW846 8260B
Ethylbenzene	10.0	9.32	ug/L	93		SW846 8260B
	10.0	9.00	ug/L	90	3.6	SW846 8260B
Ethyl acetate	20.0	21.5	ug/L	107		SW846 8260B
	20.0	22.4	ug/L	112	4.2	SW846 8260B
1,4-Dioxane	200	205	ug/L	102		SW846 8260B
	200	206	ug/L	103	0.92	SW846 8260B
Vinyl chloride	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.1	ug/L	101	2.5	SW846 8260B
Acetone	10.0	11.3	ug/L	113		SW846 8260B
	10.0	12.9	ug/L	129	13	SW846 8260B
Methylene chloride	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.99	ug/L	100	0.28	SW846 8260B
Carbon disulfide	10.0	16.1 a	ug/L	161		SW846 8260B
	10.0	15.4 a	ug/L	154	4.7	SW846 8260B
1,1-Dichloroethane	10.0	8.88	ug/L	89		SW846 8260B
	10.0	8.76	ug/L	88	1.3	SW846 8260B
2-Butanone	10.0	12.1	ug/L	121		SW846 8260B
	10.0	11.0	ug/L	110	10	SW846 8260B
Chloroform	10.0	8.60	ug/L	86		SW846 8260B
	10.0	8.54	ug/L	85	0.63	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.87	ug/L	89		SW846 8260B
	10.0	8.69	ug/L	87	2.0	SW846 8260B
Propionitrile	50.0	49.0	ug/L	98		SW846 8260B
	50.0	54.9	ug/L	110	11	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.71	ug/L	87		SW846 8260B
	10.0	8.43	ug/L	84	3.3	SW846 8260B
1,1,1-Trichloroethane	10.0	8.39	ug/L	84		SW846 8260B
	10.0	8.33	ug/L	83	0.74	SW846 8260B
Carbon tetrachloride	10.0	8.14	ug/L	81		SW846 8260B
	10.0	7.96	ug/L	80	2.2	SW846 8260B
1,2-Dichloroethane	10.0	8.85	ug/L	88		SW846 8260B
	10.0	8.70	ug/L	87	1.7	SW846 8260B
Benzene	10.0	9.20	ug/L	92		SW846 8260B
	10.0	8.96	ug/L	90	2.6	SW846 8260B
Trichloroethene	10.0	8.86	ug/L	89		SW846 8260B
	10.0	8.42	ug/L	84	5.1	SW846 8260B
4-Methyl-2-pentanone	10.0	14.6 a	ug/L	146		SW846 8260B
	10.0	14.7 a	ug/L	147	0.95	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702 Work Order #....: J278A1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: F7G190000-651 J278A1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2-Trichloroethane	10.0	9.10	ug/L	91		SW846 8260B
	10.0	9.18	ug/L	92	0.94	SW846 8260B
Tetrachloroethene	10.0	8.52	ug/L	85		SW846 8260B
	10.0	8.51	ug/L	85	0.070	SW846 8260B
Tetrahydrofuran	50.0	50.7	ug/L	101		SW846 8260B
	50.0	54.6	ug/L	109	7.4	SW846 8260B
1,4-Dichlorobenzene	10.0	8.57	ug/L	86		SW846 8260B
	10.0	8.44 a	ug/L	84	1.6	SW846 8260B
1-Butanol	100	85.8	ug/L	86		SW846 8260B
	100	92.9	ug/L	93	7.9	SW846 8260B
Toluene	10.0	9.09	ug/L	91		SW846 8260B
	10.0	8.95	ug/L	90	1.6	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(85 - 121)
	98	(85 - 121)
Dibromofluoromethane	91	(84 - 117)
	96	(84 - 117)
1,2-Dichloroethane-d4	90	(72 - 124)
	95	(72 - 124)
4-Bromofluorobenzene	92	(80 - 121)
	91	(80 - 121)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702 Work Order #....: J3FTQ1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: F7G240000-211 J3FTQ1AD-LCSD
 Prep Date.....: 07/20/07 Analysis Date...: 07/20/07
 Prep Batch #....: 7205211
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	8.84	ug/L	88		SW846 8260B
	10.0	8.73	ug/L	87	1.2	SW846 8260B
Ethylbenzene	10.0	9.72	ug/L	97		SW846 8260B
	10.0	9.57	ug/L	96	1.6	SW846 8260B
1,4-Dioxane	200	222	ug/L	111		SW846 8260B
	200	186	ug/L	93	18	SW846 8260B
Vinyl chloride	10.0	9.93	ug/L	99		SW846 8260B
	10.0	9.38	ug/L	94	5.6	SW846 8260B
Acetone	10.0	12.2	ug/L	122		SW846 8260B
	10.0	11.4	ug/L	114	7.2	SW846 8260B
Methylene chloride	10.0	9.25	ug/L	92		SW846 8260B
	10.0	9.07	ug/L	91	2.0	SW846 8260B
Carbon disulfide	10.0	13.1	ug/L	131		SW846 8260B
	10.0	12.9	ug/L	129	1.6	SW846 8260B
1,1-Dichloroethane	10.0	9.84	ug/L	98		SW846 8260B
	10.0	9.36	ug/L	94	5.0	SW846 8260B
2-Butanone	10.0	9.36	ug/L	94		SW846 8260B
	10.0	10.6	ug/L	106	12	SW846 8260B
Chloroform	10.0	9.13	ug/L	91		SW846 8260B
	10.0	9.25	ug/L	92	1.3	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.22	ug/L	92		SW846 8260B
	10.0	9.18	ug/L	92	0.43	SW846 8260B
Propionitrile	50.0	52.1	ug/L	104		SW846 8260B
	50.0	48.3	ug/L	97	7.6	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.18	ug/L	92		SW846 8260B
	10.0	9.13	ug/L	91	0.48	SW846 8260B
1,1,1-Trichloroethane	10.0	8.78	ug/L	88		SW846 8260B
	10.0	8.86	ug/L	89	0.90	SW846 8260B
Carbon tetrachloride	10.0	8.52	ug/L	85		SW846 8260B
	10.0	8.60	ug/L	86	0.99	SW846 8260B
1,2-Dichloroethane	10.0	9.85	ug/L	99		SW846 8260B
	10.0	9.76	ug/L	98	0.94	SW846 8260B
Benzene	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.77	ug/L	98	2.4	SW846 8260B
Trichloroethene	10.0	9.32	ug/L	93		SW846 8260B
	10.0	9.55	ug/L	95	2.5	SW846 8260B
4-Methyl-2-pentanone	10.0	13.3	ug/L	133		SW846 8260B
	10.0	12.9	ug/L	129	3.0	SW846 8260B
1,1,2-Trichloroethane	10.0	9.91	ug/L	99		SW846 8260B
	10.0	9.71	ug/L	97	2.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702

Work Order #....: J3FTQ1AC-LCS

Matrix.....: WATER

LCS Lot-Sample#: F7G240000-211

J3FTQ1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	10.0	9.31	ug/L	93		SW846 8260B
	10.0	9.16	ug/L	92	1.5	SW846 8260B
Tetrahydrofuran	50.0	45.8	ug/L	92		SW846 8260B
	50.0	47.1	ug/L	94	2.8	SW846 8260B
1,4-Dichlorobenzene	10.0	9.24	ug/L	92		SW846 8260B
	10.0	9.13	ug/L	91	1.2	SW846 8260B
1-Butanol	100	83.5	ug/L	83		SW846 8260B
	100	90.5	ug/L	91	8.1	SW846 8260B
Toluene	10.0	9.66	ug/L	97		SW846 8260B
	10.0	9.37	ug/L	94	3.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	93	(85 - 121)
	95	(85 - 121)
Dibromofluoromethane	94	(84 - 117)
	97	(84 - 117)
1,2-Dichloroethane-d4	96	(72 - 124)
	93	(72 - 124)
4-Bromofluorobenzene	87	(80 - 121)
	90	(80 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702 Work Order #....: J3FMR1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: F7G240000-220 J3FMR1AD-LCSD
 Prep Date.....: 07/23/07 Analysis Date...: 07/23/07
 Prep Batch #....: 7205220
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	9.53	ug/L	95		SW846 8260B
	10.0	9.23	ug/L	92	3.2	SW846 8260B
Ethylbenzene	10.0	10.1	ug/L	101		SW846 8260B
	10.0	9.78	ug/L	98	3.3	SW846 8260B
1,4-Dioxane	200	242	ug/L	121		SW846 8260B
	200	256	ug/L	128	5.7	SW846 8260B
Vinyl chloride	10.0	10.6	ug/L	106		SW846 8260B
	10.0	10.4	ug/L	104	2.8	SW846 8260B
Acetone	10.0	12.4	ug/L	124		SW846 8260B
	10.0	12.1	ug/L	121	2.7	SW846 8260B
Methylene chloride	10.0	10.9	ug/L	109		SW846 8260B
	10.0	11.2	ug/L	112	3.0	SW846 8260B
Carbon disulfide	10.0	10.1	ug/L	101		SW846 8260B
	10.0	9.64	ug/L	96	4.3	SW846 8260B
1,1-Dichloroethane	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.2	ug/L	102	1.5	SW846 8260B
2-Butanone	10.0	12.9	ug/L	129		SW846 8260B
	10.0	12.5	ug/L	125	3.0	SW846 8260B
Chloroform	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.5	ug/L	105	0.95	SW846 8260B
cis-1,2-Dichloroethene	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.94	ug/L	99	1.1	SW846 8260B
Propionitrile	50.0	51.9	ug/L	104		SW846 8260B
	50.0	56.0	ug/L	112	7.6	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.90	ug/L	99	3.4	SW846 8260B
1,1,1-Trichloroethane	10.0	10.7	ug/L	107		SW846 8260B
	10.0	10.4	ug/L	104	2.3	SW846 8260B
Carbon tetrachloride	10.0	11.1	ug/L	111		SW846 8260B
	10.0	10.7	ug/L	107	3.1	SW846 8260B
1,2-Dichloroethane	10.0	11.1	ug/L	111		SW846 8260B
	10.0	11.4	ug/L	114	2.2	SW846 8260B
Benzene	10.0	9.72	ug/L	97		SW846 8260B
	10.0	9.68	ug/L	97	0.43	SW846 8260B
Trichloroethene	10.0	10.9	ug/L	109		SW846 8260B
	10.0	10.6	ug/L	106	2.9	SW846 8260B
4-Methyl-2-pentanone	10.0	11.4	ug/L	114		SW846 8260B
	10.0	12.3	ug/L	123	7.2	SW846 8260B
1,1,2-Trichloroethane	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.2	ug/L	102	0.48	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702

Work Order #....: J3FMR1AC-LCS

Matrix.....: WATER

LCS Lot-Sample#: F7G240000-220

J3FMR1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.1	ug/L	101	1.5	SW846 8260B
Tetrahydrofuran	50.0	55.1	ug/L	110		SW846 8260B
	50.0	56.9	ug/L	114	3.3	SW846 8260B
1,4-Dichlorobenzene	10.0	9.70	ug/L	97		SW846 8260B
	10.0	9.60	ug/L	96	1.1	SW846 8260B
1-Butanol	100	132	ug/L	132		SW846 8260B
	100	138	ug/L	138	4.4	SW846 8260B
Toluene	10.0	9.77	ug/L	98		SW846 8260B
	10.0	9.56	ug/L	96	2.2	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(85 - 121)
	96	(85 - 121)
Dibromofluoromethane	105	(84 - 117)
	104	(84 - 117)
1,2-Dichloroethane-d4	109	(72 - 124)
	114	(72 - 124)
4-Bromofluorobenzene	91	(80 - 121)
	91	(80 - 121)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702 Work Order #....: J31N71AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: F7H010000-154 J31N71AD-LCSD
 Prep Date.....: 07/31/07 Analysis Date...: 07/31/07
 Prep Batch #....: 7213154
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>
Carbon tetrachloride	10.0	11.1	ug/L	111		SW846 8260B
	10.0	10.9	ug/L	109	1.5	SW846 8260B
<u>SURROGATE</u>				<u>PERCENT RECOVERY</u>		<u>RECOVERY LIMITS</u>
Toluene-d8				95		(85 - 121)
				95		(85 - 121)
Dibromofluoromethane				101		(84 - 117)
				103		(84 - 117)
1,2-Dichloroethane-d4				109		(72 - 124)
				118		(72 - 124)
4-Bromofluorobenzene				93		(80 - 121)
				96		(80 - 121)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702 Work Order #....: J37WA1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: F7H030000-157 J37WA1AD-LCSD
 Prep Date.....: 08/01/07 Analysis Date...: 08/01/07
 Prep Batch #....: 7215157
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	9.61	ug/L	96		SW846 8260B
	10.0	8.78	ug/L	88	9.0	SW846 8260B
Ethylbenzene	10.0	10.1	ug/L	101		SW846 8260B
	10.0	9.85	ug/L	99	2.5	SW846 8260B
1,4-Dioxane	200	210	ug/L	105		SW846 8260B
	200	230	ug/L	115	8.9	SW846 8260B
Vinyl chloride	10.0	9.94	ug/L	99		SW846 8260B
	10.0	9.28	ug/L	93	6.8	SW846 8260B
Acetone	10.0	9.81	ug/L	98		SW846 8260B
	10.0	10.3	ug/L	103	5.2	SW846 8260B
Methylene chloride	10.0	11.2	ug/L	112		SW846 8260B
	10.0	10.6	ug/L	106	5.5	SW846 8260B
Carbon disulfide	10.0	8.92	ug/L	89		SW846 8260B
	10.0	8.23	ug/L	82	8.1	SW846 8260B
1,1-Dichloroethane	10.0	10.9	ug/L	109		SW846 8260B
	10.0	10.6	ug/L	106	3.0	SW846 8260B
2-Butanone	10.0	10.0	ug/L	100		SW846 8260B
	10.0	11.8	ug/L	118	16	SW846 8260B
Chloroform	10.0	10.8	ug/L	108		SW846 8260B
	10.0	10.5	ug/L	105	3.3	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.67	ug/L	97		SW846 8260B
	10.0	9.38	ug/L	94	3.0	SW846 8260B
Propionitrile	50.0	47.8	ug/L	96		SW846 8260B
	50.0	53.4	ug/L	107	11	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.99	ug/L	100		SW846 8260B
	10.0	9.37	ug/L	94	6.4	SW846 8260B
1,1,1-Trichloroethane	10.0	11.2	ug/L	112		SW846 8260B
	10.0	10.9	ug/L	109	3.4	SW846 8260B
Carbon tetrachloride	10.0	11.6	ug/L	116		SW846 8260B
	10.0	11.2	ug/L	112	3.1	SW846 8260B
1,2-Dichloroethane	10.0	12.0	ug/L	120		SW846 8260B
	10.0	11.8	ug/L	118	1.8	SW846 8260B
Benzene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.89	ug/L	99	3.6	SW846 8260B
Trichloroethene	10.0	10.6	ug/L	106		SW846 8260B
	10.0	10.2	ug/L	102	4.0	SW846 8260B
4-Methyl-2-pentanone	10.0	9.95	ug/L	100		SW846 8260B
	10.0	10.6	ug/L	106	6.3	SW846 8260B
1,1,2-Trichloroethane	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.4	ug/L	104	1.5	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702 Work Order #....: J37WA1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: F7H030000-157 J37WA1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.59	ug/L	96	6.1	SW846 8260B
Tetrahydrofuran	50.0	46.8	ug/L	94		SW846 8260B
	50.0	50.2	ug/L	100	6.9	SW846 8260B
1,4-Dichlorobenzene	10.0	9.70	ug/L	97		SW846 8260B
	10.0	9.46	ug/L	95	2.5	SW846 8260B
1-Butanol	100	129	ug/L	129		SW846 8260B
	100	158 a	ug/L	158	20	SW846 8260B
Toluene	10.0	10.3	ug/L	103		SW846 8260B
	10.0	9.91	ug/L	99	3.9	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	95	(85 - 121)
	95	(85 - 121)
Dibromofluoromethane	100	(84 - 117)
	102	(84 - 117)
1,2-Dichloroethane-d4	109	(72 - 124)
	112	(72 - 124)
4-Bromofluorobenzene	95	(80 - 121)
	95	(80 - 121)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702 Work Order #....: J2VNC1AD-MS Matrix.....: WATER
 MS Lot-Sample #: F7G130254-001 J2VNC1AE-MSD
 Date Sampled...: 07/12/07 Date Received...: 07/13/07
 Prep Date.....: 07/17/07 Analysis Date...: 07/17/07
 Prep Batch #....: 7200645
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	8.92	ug/L	89		SW846 8260B
	ND	10.0	9.06	ug/L	91	1.5	SW846 8260B
Ethylbenzene	ND	10.0	9.25	ug/L	93		SW846 8260B
	ND	10.0	9.07	ug/L	91	2.0	SW846 8260B
1,4-Dioxane	ND	200	188	ug/L	94		SW846 8260B
	ND	200	209	ug/L	104	10	SW846 8260B
Vinyl chloride	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	11.9	ug/L	119	9.4	SW846 8260B
Acetone	ND	10.0	19.4	ug/L	194		SW846 8260B
	Qualifiers: a,N						
	ND	10.0	17.9	ug/L	179	7.9	SW846 8260B
	Qualifiers: a,N						
Methylene chloride	0.18	10.0	8.99	ug/L	88		SW846 8260B
	0.18	10.0	9.06	ug/L	89	0.70	SW846 8260B
Carbon disulfide	0.28	10.0	17.4	ug/L	171		SW846 8260B
	Qualifiers: a,N						
	0.28	10.0	16.8	ug/L	165	3.2	SW846 8260B
	Qualifiers: a,N						
1,1-Dichloroethane	ND	10.0	9.71	ug/L	97		SW846 8260B
	ND	10.0	9.42	ug/L	94	3.0	SW846 8260B
2-Butanone	ND	10.0	12.6	ug/L	126		SW846 8260B
	ND	10.0	14.1	ug/L	141	11	SW846 8260B
Chloroform	15	10.0	22.2	ug/L	72		SW846 8260B
	15	10.0	22.2	ug/L	72	0.09	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	9.37	ug/L	94		SW846 8260B
	ND	10.0	9.23	ug/L	92	1.4	SW846 8260B
Propionitrile	ND	50.0	52.8	ug/L	106		SW846 8260B
	ND	50.0	60.1	ug/L	120	13	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.19	ug/L	92		SW846 8260B
	ND	10.0	8.99	ug/L	90	2.2	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	8.48	ug/L	85		SW846 8260B
	ND	10.0	8.19	ug/L	82	3.5	SW846 8260B
1,2-Dichloroethane	ND	10.0	9.90	ug/L	99		SW846 8260B
	ND	10.0	9.91	ug/L	99	0.13	SW846 8260B
Benzene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.2	ug/L	102	3.8	SW846 8260B
Trichloroethene	12	10.0	21.8	ug/L	96		SW846 8260B
	12	10.0	21.6	ug/L	94	1.0	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	15.5	ug/L	155		SW846 8260B
	Qualifiers: a,N						
	ND	10.0	15.0	ug/L	150	3.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702

Work Order #....: J2VNC1AD-MS

Matrix.....: WATER

MS Lot-Sample #: F7G130254-001

J2VNC1AE-MSD

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
1,1,2-Trichloroethane	ND	10.0	9.45	ug/L	94		SW846 8260B
	ND	10.0	9.06	ug/L	91	4.2	SW846 8260B
Tetrachloroethene	0.84	10.0	9.79	ug/L	89		SW846 8260B
	0.84	10.0	9.58	ug/L	87	2.2	SW846 8260B
Tetrahydrofuran	ND	50.0	9.71	ug/L	19	a,N	SW846 8260B
	ND	50.0	13.0	ug/L	26	29	SW846 8260B
Qualifiers: a,p,N							
1,4-Dichlorobenzene	ND	10.0	8.65	ug/L	86		SW846 8260B
	ND	10.0	8.58	ug/L	86	0.79	SW846 8260B
1-Butanol	ND	100	81.5	ug/L	81		SW846 8260B
	ND	100	77.3	ug/L	77	5.2	SW846 8260B
Toluene	ND	10.0	9.26	ug/L	93		SW846 8260B
	ND	10.0	9.00	ug/L	90	2.8	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Toluene-d8	87	(69 - 119)
	86	(69 - 119)
Dibromofluoromethane	52 *	(74 - 134)
	53 *	(74 - 134)
1,2-Dichloroethane-d4	88	(72 - 128)
	91	(72 - 128)
4-Bromofluorobenzene	81	(71 - 115)
	83	(71 - 115)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

N Spike sample recovery is outside control limits.

* Surrogate recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702 Work Order #....: J2VP11AV-MS Matrix.....: WATER
 MS Lot-Sample #: F7G130260-002 J2VP11AW-MSD
 Date Sampled...: 07/12/07 Date Received...: 07/13/07
 Prep Date.....: 07/18/07 Analysis Date...: 07/18/07
 Prep Batch #....: 7200651
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.60	ug/L	96		SW846 8260B
	ND	10.0	9.08	ug/L	91	5.6	SW846 8260B
Ethylbenzene	ND	10.0	9.62	ug/L	96		SW846 8260B
	ND	10.0	9.04	ug/L	90	6.2	SW846 8260B
Ethyl acetate	ND	20.0	25.1	ug/L	126		SW846 8260B
	ND	20.0	23.0	ug/L	115	8.9	SW846 8260B
1,4-Dioxane	ND	200	240	ug/L	120		SW846 8260B
	ND	200	229	ug/L	114	4.8	SW846 8260B
Vinyl chloride	ND	10.0	11.8	ug/L	118		SW846 8260B
	ND	10.0	11.9	ug/L	119	0.16	SW846 8260B
Acetone	ND	10.0	14.4	ug/L	144		SW846 8260B
	ND	10.0	13.4	ug/L	134	7.4	SW846 8260B
Methylene chloride	ND	10.0	9.20	ug/L	92		SW846 8260B
	ND	10.0	8.80	ug/L	88	4.4	SW846 8260B
Carbon disulfide	ND	10.0	18.4	ug/L	184		SW846 8260B
	Qualifiers: a,N						
	ND	10.0	17.5	ug/L	175	5.2	SW846 8260B
	Qualifiers: a,N						
1,1-Dichloroethane	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	9.78	ug/L	98	7.8	SW846 8260B
2-Butanone	ND	10.0	14.7	ug/L	147		SW846 8260B
	ND	10.0	14.6	ug/L	146	0.68	SW846 8260B
Chloroform	2.0	10.0	11.6	ug/L	96		SW846 8260B
	2.0	10.0	11.1	ug/L	90	5.0	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	9.86	ug/L	99		SW846 8260B
	ND	10.0	9.42	ug/L	94	4.6	SW846 8260B
Propionitrile	ND	50.0	59.9	ug/L	120		SW846 8260B
	ND	50.0	55.6	ug/L	111	7.5	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.70	ug/L	97		SW846 8260B
	ND	10.0	9.38	ug/L	94	3.4	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	9.47	ug/L	95		SW846 8260B
	ND	10.0	8.88	ug/L	89	6.5	SW846 8260B
1,2-Dichloroethane	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	9.88	ug/L	99	4.3	SW846 8260B
Benzene	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	10.1	ug/L	101	6.1	SW846 8260B
Trichloroethene	0.55	10.0	10.7	ug/L	102		SW846 8260B
	0.55	10.0	10.0	ug/L	95	6.6	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	15.4	ug/L	154		SW846 8260B
	Qualifiers: a,N						
	ND	10.0	15.6	ug/L	156	1.2	SW846 8260B
	Qualifiers: a,N						

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702

Work Order #....: J2VP11AV-MS

Matrix.....: WATER

MS Lot-Sample #: F7G130260-002

J2VP11AW-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloroethane	ND	10.0	9.85	ug/L	99		SW846 8260B
	ND	10.0	9.35	ug/L	93	5.2	SW846 8260B
Tetrachloroethene	ND	10.0	9.08	ug/L	91		SW846 8260B
	ND	10.0	8.57	ug/L	86	5.8	SW846 8260B
Tetrahydrofuran	ND	50.0	57.5	ug/L	115		SW846 8260B
	ND	50.0	57.1	ug/L	114	0.78	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	8.78	ug/L	88		SW846 8260B
	ND	10.0	8.62	ug/L	86	1.7	SW846 8260B
1-Butanol	ND	100	79.4	ug/L	79		SW846 8260B
	ND	100	59.7	ug/L	60 p	28	SW846 8260B
Toluene	ND	10.0	9.39	ug/L	94		SW846 8260B
	ND	10.0	8.98	ug/L	90	4.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	87	(69 - 119)
	86	(69 - 119)
Dibromofluoromethane	90	(74 - 134)
	90	(74 - 134)
1,2-Dichloroethane-d4	93	(72 - 128)
	92	(72 - 128)
4-Bromofluorobenzene	81	(71 - 115)
	83	(71 - 115)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

N Spike sample recovery is outside control limits.

p Relative percent difference (RPD) is outside stated control limits.

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702 Work Order #....: J22LM1AJ-MS Matrix.....: WATER
 MS Lot-Sample #: F7G170250-002 J22LM1AK-MSD
 Date Sampled....: 07/16/07 Date Received...: 07/17/07
 Prep Date.....: 07/20/07 Analysis Date...: 07/20/07
 Prep Batch #....: 7205211
 Dilution Factor: 10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	100	39.6	ug/L	40		SW846 8260B
	ND	100	107	ug/L	107 p	92	SW846 8260B
Ethylbenzene	ND	100	66.9	ug/L	67		SW846 8260B
	ND	100	113	ug/L	113 p	51	SW846 8260B
1,4-Dioxane	ND	2000	1580	ug/L	79		SW846 8260B
	ND	2000	1690	ug/L	84	6.4	SW846 8260B
Vinyl chloride	ND	100	89.5	ug/L	90		SW846 8260B
	ND	100	116	ug/L	116 p	25	SW846 8260B
Acetone	ND	100	132	ug/L	132		SW846 8260B
	ND	100	132	ug/L	132	0.0	SW846 8260B
Methylene chloride	5.7	100	82.9	ug/L	77		SW846 8260B
	5.7	100	105	ug/L	99 p	24	SW846 8260B
Carbon disulfide	ND	100	57.0	ug/L	57		SW846 8260B
	ND	100	139	ug/L	139 p	84	SW846 8260B
1,1-Dichloroethane	ND	100	72.6	ug/L	73		SW846 8260B
	ND	100	116	ug/L	116 p	46	SW846 8260B
2-Butanone	ND	100	128	ug/L	128		SW846 8260B
	ND	100	128	ug/L	128	0.31	SW846 8260B
Chloroform	ND	100	71.4	ug/L	71		SW846 8260B
	ND	100	104	ug/L	104 p	37	SW846 8260B
cis-1,2-Dichloroethene	ND	100	76.7	ug/L	77		SW846 8260B
	ND	100	107	ug/L	107 p	33	SW846 8260B
Propionitrile	ND	500	475	ug/L	95		SW846 8260B
	ND	500	477	ug/L	95	0.44	SW846 8260B
trans-1,2-Dichloroethene	ND	100	59.6	ug/L	60 a,N		SW846 8260B
	ND	100	111	ug/L	111 p	61	SW846 8260B
1,1,1-Trichloroethane	ND	100	46.9	ug/L	47 a,N		SW846 8260B
	ND	100	104	ug/L	104 p	76	SW846 8260B
Carbon tetrachloride	75	100	102	ug/L	27 a,N		SW846 8260B
	75	100	151	ug/L	76 p	39	SW846 8260B
1,2-Dichloroethane	ND	100	99.6	ug/L	100		SW846 8260B
	ND	100	110	ug/L	110	10	SW846 8260B
Benzene	ND	100	74.6	ug/L	75		SW846 8260B
	ND	100	116	ug/L	116 p	43	SW846 8260B
Trichloroethene	1.9	100	63.5	ug/L	62		SW846 8260B
	1.9	100	112	ug/L	110 p	56	SW846 8260B
4-Methyl-2-pentanone	ND	100	132	ug/L	132		SW846 8260B
	ND	100	140	ug/L	140	5.9	SW846 8260B
1,1,2-Trichloroethane	ND	100	101	ug/L	101		SW846 8260B
	ND	100	105	ug/L	105	4.3	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702

Work Order #....: J22LM1AJ-MS

Matrix.....: WATER

MS Lot-Sample #: F7G170250-002

J22LM1AK-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	ND	100	54.5	ug/L	54		SW846 8260B
	ND	100	112	ug/L	112 p	69	SW846 8260B
Tetrahydrofuran	ND	500	394	ug/L	79		SW846 8260B
	ND	500	439	ug/L	88	11	SW846 8260B
1,4-Dichlorobenzene	ND	100	85.4	ug/L	85		SW846 8260B
	ND	100	106	ug/L	106 p	22	SW846 8260B
1-Butanol	ND	1000	516	ug/L	52		SW846 8260B
	ND	1000	456	ug/L	46	12	SW846 8260B
Toluene	ND	100	69.6	ug/L	70		SW846 8260B
	ND	100	110	ug/L	110 p	45	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(69 - 119)
	102	(69 - 119)
Dibromofluoromethane	99	(74 - 134)
	99	(74 - 134)
1,2-Dichloroethane-d4	98	(72 - 128)
	96	(72 - 128)
4-Bromofluorobenzene	84	(71 - 115)
	87	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

N Spike sample recovery is outside control limits.

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL702 Work Order #...: J271PLAN-MS Matrix.....: WATER
 MS Lot-Sample #: F7G190478-003 J271PLAP-MSD
 Date Sampled...: 07/18/07 Date Received...: 07/19/07
 Prep Date.....: 07/23/07 Analysis Date...: 07/23/07
 Prep Batch #...: 7205220
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.50	ug/L	95		SW846 8260B
	ND	10.0	9.23	ug/L	92	2.9	SW846 8260B
Ethylbenzene	ND	10.0	9.61	ug/L	96		SW846 8260B
	ND	10.0	9.40	ug/L	94	2.3	SW846 8260B
1,4-Dioxane	ND	200	162	ug/L	81		SW846 8260B
	ND	200	168	ug/L	84	3.4	SW846 8260B
Vinyl chloride	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.7	ug/L	107	1.7	SW846 8260B
Acetone	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.1	ug/L	111	0.99	SW846 8260B
Methylene chloride	ND	10.0	9.14	ug/L	91		SW846 8260B
	ND	10.0	8.79	ug/L	88	4.0	SW846 8260B
Carbon disulfide	ND	10.0	9.45	ug/L	94		SW846 8260B
	ND	10.0	9.39	ug/L	94	0.62	SW846 8260B
1,1-Dichloroethane	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.3	ug/L	103	0.96	SW846 8260B
2-Butanone	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	11.4	ug/L	114	1.2	SW846 8260B
Chloroform	0.20	10.0	10.5	ug/L	103		SW846 8260B
	0.20	10.0	10.5	ug/L	103	0.19	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	9.97	ug/L	100		SW846 8260B
	ND	10.0	9.80	ug/L	98	1.7	SW846 8260B
Propionitrile	ND	50.0	50.4	ug/L	101		SW846 8260B
	ND	50.0	48.2	ug/L	96	4.6	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.96	ug/L	100		SW846 8260B
	ND	10.0	9.64	ug/L	96	3.2	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.5	ug/L	105	0.38	SW846 8260B
Carbon tetrachloride	0.22	10.0	11.1	ug/L	109		SW846 8260B
	0.22	10.0	10.9	ug/L	107	2.3	SW846 8260B
1,2-Dichloroethane	ND	10.0	11.3	ug/L	113		SW846 8260B
	ND	10.0	11.0	ug/L	110	2.3	SW846 8260B
Benzene	ND	10.0	9.78	ug/L	98		SW846 8260B
	ND	10.0	9.56	ug/L	96	2.2	SW846 8260B
Trichloroethene	1.5	10.0	12.0	ug/L	105		SW846 8260B
	1.5	10.0	11.8	ug/L	104	1.1	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	11.5	ug/L	115		SW846 8260B
	ND	10.0	11.0	ug/L	110	5.1	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	9.75	ug/L	97		SW846 8260B
	ND	10.0	9.25	ug/L	92	5.3	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL702

Work Order #...: J271P1AN-MS

Matrix.....: WATER

MS Lot-Sample #: F7G190478-003

J271P1AP-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	0.37	10.0	10.3	ug/L	100		SW846 8260B
	0.37	10.0	9.78	ug/L	94	5.3	SW846 8260B
Tetrahydrofuran	ND	50.0	52.5	ug/L	105		SW846 8260B
	ND	50.0	50.1	ug/L	100	4.7	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	9.25	ug/L	92		SW846 8260B
	ND	10.0	8.91	ug/L	89	3.7	SW846 8260B
1-Butanol	ND	100	90.3	ug/L	90		SW846 8260B
	ND	100	100	ug/L	100	10	SW846 8260B
Toluene	ND	10.0	9.38	ug/L	94		SW846 8260B
	ND	10.0	9.22	ug/L	92	1.6	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(69 - 119)
	98	(69 - 119)
Dibromofluoromethane	107	(74 - 134)
	107	(74 - 134)
1,2-Dichloroethane-d4	111	(72 - 128)
	112	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)
	92	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702 Work Order #....: J3TEC1AD-MS Matrix.....: WATER
 MS Lot-Sample #: F7G280201-001 J3TEC1AE-MSD
 Date Sampled...: 07/27/07 Date Received...: 07/28/07
 Prep Date.....: 08/01/07 Analysis Date...: 08/01/07
 Prep Batch #....: 7215157
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.69	ug/L	97		SW846 8260B
	ND	10.0	9.73	ug/L	97	0.35	SW846 8260B
Ethylbenzene	ND	10.0	9.93	ug/L	99		SW846 8260B
	ND	10.0	10.1	ug/L	101	1.4	SW846 8260B
1,4-Dioxane	ND	200	180	ug/L	90		SW846 8260B
	ND	200	202	ug/L	101	12	SW846 8260B
Vinyl chloride	ND	10.0	9.81	ug/L	98		SW846 8260B
	ND	10.0	9.70	ug/L	97	1.1	SW846 8260B
Acetone	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	9.60	ug/L	96	9.3	SW846 8260B
Methylene chloride	ND	10.0	9.70	ug/L	97		SW846 8260B
	ND	10.0	9.74	ug/L	97	0.43	SW846 8260B
Carbon disulfide	ND	10.0	8.88	ug/L	89		SW846 8260B
	ND	10.0	9.40	ug/L	94	5.7	SW846 8260B
1,1-Dichloroethane	ND	10.0	11.5	ug/L	115		SW846 8260B
	ND	10.0	11.4	ug/L	114	0.26	SW846 8260B
2-Butanone	ND	10.0	11.4	ug/L	114		SW846 8260B
	ND	10.0	11.8	ug/L	118	2.9	SW846 8260B
Chloroform	ND	10.0	11.6	ug/L	116		SW846 8260B
	ND	10.0	11.5	ug/L	115	0.86	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.3	ug/L	103	0.38	SW846 8260B
Propionitrile	ND	50.0	49.9	ug/L	100		SW846 8260B
	ND	50.0	51.2	ug/L	102	2.5	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.4	ug/L	104	1.6	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	11.7	ug/L	117		SW846 8260B
	ND	10.0	11.9	ug/L	119	1.7	SW846 8260B
Carbon tetrachloride	ND	10.0	12.1	ug/L	121		SW846 8260B
	ND	10.0	12.1	ug/L	121	0.24	SW846 8260B
1,2-Dichloroethane	ND	10.0	12.8	ug/L	128		SW846 8260B
	ND	10.0	12.8	ug/L	128	0.39	SW846 8260B
Benzene	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	10.8	ug/L	108	0.37	SW846 8260B
Trichloroethene	1.1	10.0	12.2	ug/L	111		SW846 8260B
	1.1	10.0	12.2	ug/L	111	0.40	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	10.8	ug/L	108	7.0	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.4	ug/L	104	0.38	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL702

Work Order #....: J3TEC1AD-MS

Matrix.....: WATER

MS Lot-Sample #: F7G280201-001

J3TEC1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	ND	10.0	9.67	ug/L	97		SW846 8260B
	ND	10.0	9.86	ug/L	99	1.9	SW846 8260B
Tetrahydrofuran	ND	50.0	51.5	ug/L	103		SW846 8260B
	ND	50.0	53.5	ug/L	107	3.8	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	9.28	ug/L	93		SW846 8260B
	ND	10.0	9.62	ug/L	96	3.6	SW846 8260B
1-Butanol	ND	100	120	ug/L	120		SW846 8260B
	ND	100	118	ug/L	118	1.4	SW846 8260B
Toluene	ND	10.0	9.71	ug/L	97		SW846 8260B
	ND	10.0	9.88	ug/L	99	1.8	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	90	(69 - 119)
	90	(69 - 119)
Dibromofluoromethane	101	(74 - 134)
	101	(74 - 134)
1,2-Dichloroethane-d4	112	(72 - 128)
	111	(72 - 128)
4-Bromofluorobenzene	91	(71 - 115)
	94	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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GC/MS SEMIVOLATILES

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Fluor Hanford Inc

Client Sample ID: B1NHCI

GC/MS Semivolatiles

Lot-Sample #....: F7G130260-002 Work Order #....: J2VP11AF Matrix.....: WATER
 Date Sampled....: 07/12/07 Date Received...: 07/13/07
 Prep Date.....: 07/18/07 Analysis Date...: 07/20/07
 Prep Batch #....: 7199144
 Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Cresols (total)	ND	20	ug/L	3.2
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.2
2-Picoline	ND	20	ug/L	5.5
Phenol	ND	10	ug/L	4.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
2-Methylphenol	ND	10	ug/L	2.0
2-Nitrophenol	ND	10	ug/L	1.0
2,4-Dichlorophenol	ND	10	ug/L	1.0
Naphthalene	ND	10	ug/L	1.0
Pentachlorophenol	ND	50	ug/L	2.0
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.0
Benzothiazole	ND	10	ug/L	1.0
Tributyl phosphate	ND	10	ug/L	1.1
Tris(2-chloroethyl)phosphate	ND	10	ug/L	1.2

SURROGATE	PERCENT	
	RECOVERY	RECOVERY LIMITS
2-Fluorophenol	38	(26 - 74)
Phenol-d5	26	(18 - 86)
Nitrobenzene-d5	66	(39 - 94)
2-Fluorobiphenyl	59	(42 - 95)
2,4,6-Tribromophenol	78	(49 - 96)
Terphenyl-d14	76	(31 - 104)

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Fluor Hanford Inc

B1NHC1

GC/MS Semivolatiles

Lot-Sample #: F7G130260-002

Work Order #: J2VP11AF

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

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Fluor Hanford Inc

Client Sample ID: B1NL80

GC/MS Semivolatiles

Lot-Sample #....: F7G190478-003 Work Order #....: J271P1AC Matrix.....: WATER
 Date Sampled....: 07/18/07 Date Received...: 07/19/07
 Prep Date.....: 07/23/07 Analysis Date...: 07/27/07
 Prep Batch #....: 7204251
 Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.2
2-Picoline	ND	20	ug/L	5.5
Phenol	ND	10	ug/L	4.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
2-Methylphenol	ND	10	ug/L	2.0
2-Nitrophenol	ND	10	ug/L	1.0
2,4-Dichlorophenol	ND	10	ug/L	1.0
Naphthalene	ND	10	ug/L	1.0
Pentachlorophenol	ND	50	ug/L	2.0
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.0
Benzothiazole	ND	10	ug/L	1.0
Tributyl phosphate	ND	10	ug/L	1.1
Tris(2-chloroethyl)phosphate	ND	10	ug/L	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	32	(26 - 74)
Phenol-d5	21	(18 - 86)
Nitrobenzene-d5	57	(39 - 94)
2-Fluorobiphenyl	55	(42 - 95)
2,4,6-Tribromophenol	73	(49 - 96)
Terphenyl-d14	78	(31 - 104)

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Fluor Hanford Inc

B1NL80

GC/MS Semivolatiles

Lot-Sample #: F7G190478-003

Work Order #: J271P1AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

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Fluor Hanford Inc

Client Sample ID: B1NL76

GC/MS Semivolatiles

Lot-Sample #....: F7G190478-005 Work Order #....: J271V1AC Matrix.....: WATER
 Date Sampled....: 07/18/07 Date Received...: 07/19/07
 Prep Date.....: 07/23/07 Analysis Date...: 07/27/07
 Prep Batch #....: 7204251
 Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.2
2-Picoline	ND	20	ug/L	5.5
Phenol	ND	10	ug/L	4.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
2-Methylphenol	ND	10	ug/L	2.0
2-Nitrophenol	ND	10	ug/L	1.0
2,4-Dichlorophenol	ND	10	ug/L	1.0
Naphthalene	ND	10	ug/L	1.0
Pentachlorophenol	ND	50	ug/L	2.0
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.0
Benzothiazole	ND	10	ug/L	1.0
Tributyl phosphate	ND	10	ug/L	1.1
Tris(2-chloroethyl)phosphate	ND	10	ug/L	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	30	(26 - 74)
Phenol-d5	20	(18 - 86)
Nitrobenzene-d5	55	(39 - 94)
2-Fluorobiphenyl	52	(42 - 95)
2,4,6-Tribromophenol	66	(49 - 96)
Terphenyl-d14	67	(31 - 104)

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B1NL76

GC/MS Semivolatiles

Lot-Sample #: F7G190478-005

Work Order #: J271V1AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: SL702
 MB Lot-Sample #: F7G180000-144

Work Order #....: J254D1AA

Matrix.....: WATER

Analysis Date...: 07/20/07
 Dilution Factor: 1

Prep Date.....: 07/18/07
 Prep Batch #....: 7199144

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Cresols (total)	ND	20	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	SW846 8270C
2-Picoline	ND	20	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
Benzothiazole	ND	10	ug/L	SW846 8270C
Tributyl phosphate	ND	10	ug/L	SW846 8270C
Tris(2-chloroethyl)phosph	ND	10	ug/L	SW846 8270C

<u>SURROGATE</u>	PERCENT	RECOVERY
	<u>RECOVERY</u>	<u>LIMITS</u>
2-Fluorophenol	38	(26 - 74)
Phenol-d5	27	(18 - 86)
Nitrobenzene-d5	66	(39 - 94)
2-Fluorobiphenyl	65	(42 - 95)
2,4,6-Tribromophenol	78	(49 - 96)
Terphenyl-d14	77	(31 - 104)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

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Fluor Hanford Inc

Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: F7G180000-144 B Work Order #: J254D1AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: SL702
 MB Lot-Sample #: F7G230000-251

Work Order #....: J3E541AA

Matrix.....: WATER

Analysis Date...: 07/27/07
 Dilution Factor: 1

Prep Date.....: 07/23/07
 Prep Batch #....: 7204251

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	SW846 8270C
2-Picoline	ND	20	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
Benzothiazole	ND	10	ug/L	SW846 8270C
Tributyl phosphate	ND	10	ug/L	SW846 8270C
Tris(2-chloroethyl)phosph	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	35	(26 - 74)
Phenol-d5	24	(18 - 86)
Nitrobenzene-d5	60	(39 - 94)
2-Fluorobiphenyl	55	(42 - 95)
2,4,6-Tribromophenol	71	(49 - 96)
Terphenyl-d14	80	(31 - 104)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

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Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: F7G230000-251 B Work Order #: J3E541AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
None				ug/L

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #....: SL702 Work Order #....: J254D1AC Matrix.....: WATER
 LCS Lot-Sample#: F7G180000-144
 Prep Date.....: 07/18/07 Analysis Date...: 07/20/07
 Prep Batch #....: 7199144
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
3-Methylphenol & 4-Methylphenol	100	53.1	ug/L	53	SW846 8270C
Phenol	100	28.0	ug/L	28	SW846 8270C
1,4-Dichlorobenzene	100	47.9	ug/L	48	SW846 8270C
2-Methylphenol	100	56.2	ug/L	56	SW846 8270C
2-Nitrophenol	100	71.2	ug/L	71	SW846 8270C
2,4-Dichlorophenol	100	69.6	ug/L	70	SW846 8270C
Naphthalene	100	57.6	ug/L	58	SW846 8270C
Pentachlorophenol	100	62.5	ug/L	62	SW846 8270C
bis(2-Ethylhexyl) phthalate	100	70.3	ug/L	70	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	39	(26 - 67)
Phenol-d5	28	(19 - 45)
Nitrobenzene-d5	67	(45 - 96)
2-Fluorobiphenyl	68	(50 - 100)
2,4,6-Tribromophenol	82	(55 - 103)
Terphenyl-d14	77	(40 - 106)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #....: SL702 Work Order #....: J3E541AC Matrix.....: WATER
 LCS Lot-Sample#: F7G230000-251
 Prep Date.....: 07/23/07 Analysis Date...: 07/27/07
 Prep Batch #....: 7204251
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
3-Methylphenol & 4-Methylphenol	100	57.7	ug/L	58	SW846 8270C
Phenol	100	32.5	ug/L	32	SW846 8270C
1,4-Dichlorobenzene	100	53.5	ug/L	53	SW846 8270C
2-Methylphenol	100	61.0	ug/L	61	SW846 8270C
2-Nitrophenol	100	74.4	ug/L	74	SW846 8270C
2,4-Dichlorophenol	100	73.1	ug/L	73	SW846 8270C
Naphthalene	100	63.1	ug/L	63	SW846 8270C
Pentachlorophenol	100	66.1	ug/L	66	SW846 8270C
bis(2-Ethylhexyl) phthalate	100	80.5	ug/L	80	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	46	(26 - 67)
Phenol-d5	33	(19 - 45)
Nitrobenzene-d5	72	(45 - 96)
2-Fluorobiphenyl	73	(50 - 100)
2,4,6-Tribromophenol	91	(55 - 103)
Terphenyl-d14	85	(40 - 106)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #....: SL702 Work Order #....: J2VP11AT-MS Matrix.....: WATER
 MS Lot-Sample #: F7G130260-002 J2VP11AU-MSD
 Date Sampled...: 07/12/07 Date Received...: 07/13/07
 Prep Date.....: 07/18/07 Analysis Date...: 07/20/07
 Prep Batch #....: 7199144
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Methylphenol & 4-Methylphenol	ND	96.6	51.6	ug/L	53		SW846 8270C
	ND	96.2	52.0	ug/L	54	0.86	SW846 8270C
Phenol	ND	96.6	26.6	ug/L	27		SW846 8270C
	ND	96.2	26.9	ug/L	28	1.1	SW846 8270C
1,4-Dichlorobenzene	ND	96.6	50.0	ug/L	52		SW846 8270C
	ND	96.2	48.4	ug/L	50	3.3	SW846 8270C
2-Methylphenol	ND	96.6	55.0	ug/L	57		SW846 8270C
	ND	96.2	55.5	ug/L	58	0.92	SW846 8270C
2-Nitrophenol	ND	96.6	71.4	ug/L	74		SW846 8270C
	ND	96.2	71.0	ug/L	74	0.67	SW846 8270C
2,4-Dichlorophenol	ND	96.6	69.7	ug/L	72		SW846 8270C
	ND	96.2	69.3	ug/L	72	0.64	SW846 8270C
Naphthalene	ND	96.6	59.8	ug/L	62		SW846 8270C
	ND	96.2	61.3	ug/L	64	2.5	SW846 8270C
Pentachlorophenol	ND	96.6	63.8	ug/L	66		SW846 8270C
	ND	96.2	62.4	ug/L	65	2.2	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	96.6	69.1	ug/L	71		SW846 8270C
	ND	96.2	67.8	ug/L	70	1.9	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	39	(26 - 74)
	41	(26 - 74)
Phenol-d5	27	(18 - 86)
	28	(18 - 86)
Nitrobenzene-d5	69	(39 - 94)
	70	(39 - 94)
2-Fluorobiphenyl	69	(42 - 95)
	67	(42 - 95)
2,4,6-Tribromophenol	85	(49 - 96)
	83	(49 - 96)
Terphenyl-d14	77	(31 - 104)
	77	(31 - 104)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #....: SL702 Work Order #....: J271P1AL-MS Matrix.....: WATER
 MS Lot-Sample #: F7G190478-003 J271P1AM-MSD
 Date Sampled....: 07/18/07 Date Received...: 07/19/07
 Prep Date.....: 07/23/07 Analysis Date...: 07/27/07
 Prep Batch #....: 7204251
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD
3-Methylphenol & 4-Methylphenol	ND	95.3	46.9	ug/L	49		SW846 8270C
	ND	95.4	49.8	ug/L	52	5.9	SW846 8270C
Phenol	ND	95.3	24.2	ug/L	25		SW846 8270C
	ND	95.4	25.5	ug/L	27	5.4	SW846 8270C
1,4-Dichlorobenzene	ND	95.3	47.2	ug/L	50		SW846 8270C
	ND	95.4	50.0	ug/L	52	5.8	SW846 8270C
2-Methylphenol	ND	95.3	50.1	ug/L	53		SW846 8270C
	ND	95.4	53.0	ug/L	56	5.7	SW846 8270C
2-Nitrophenol	ND	95.3	63.8	ug/L	67		SW846 8270C
	ND	95.4	69.6	ug/L	73	8.6	SW846 8270C
2,4-Dichlorophenol	ND	95.3	62.2	ug/L	65		SW846 8270C
	ND	95.4	67.2	ug/L	71	7.7	SW846 8270C
Naphthalene	ND	95.3	53.7	ug/L	56		SW846 8270C
	ND	95.4	58.5	ug/L	61	8.6	SW846 8270C
Pentachlorophenol	ND	95.3	60.1	ug/L	63		SW846 8270C
	ND	95.4	69.5	ug/L	73	15	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	95.3	69.4	ug/L	73		SW846 8270C
	ND	95.4	77.7	ug/L	82	11	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	38	(26 - 74)
	40	(26 - 74)
Phenol-d5	26	(18 - 86)
	27	(18 - 86)
Nitrobenzene-d5	65	(39 - 94)
	70	(39 - 94)
2-Fluorobiphenyl	65	(42 - 95)
	71	(42 - 95)
2,4,6-Tribromophenol	84	(49 - 96)
	95	(49 - 96)
Terphenyl-d14	75	(31 - 104)
	85	(31 - 104)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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PHENOLS BY GC

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Fluor Hanford Inc

Client Sample ID: B1NY25

GC Semivolatiles

Lot-Sample #....: F7G170250-002 Work Order #....: J22LM1AC Matrix.....: WATER
 Date Sampled....: 07/16/07 Date Received...: 07/17/07
 Prep Date.....: 07/23/07 Analysis Date...: 08/01/07
 Prep Batch #....: 7204174
 Dilution Factor: 1 Method.....: SW846 8040A

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro- 2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichloro- phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro- phenol	ND	5.0	ug/L	2.2
SURROGATE	PERCENT RECOVERY	RECOVERY		
		LIMITS		
2,4,6-Tribromophenol	85	(44 - 110)		
2-Fluorophenol	80	(37 - 96)		

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METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL702

Work Order #...: J3DWM1AA

Matrix.....: WATER

MB Lot-Sample #: F7G230000-174

Prep Date.....: 07/23/07

Analysis Date...: 08/01/07

Prep Batch #...: 7204174

Dilution Factor: 1

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
2-Chlorophenol	ND	5.0	ug/L	SW846 8040A
4-Chloro-3-methylphenol	ND	5.0	ug/L	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	SW846 8040A
2-Methylphenol	ND	5.0	ug/L	SW846 8040A
2,4-Dichlorophenol	ND	5.0	ug/L	SW846 8040A
2,6-Dichlorophenol	ND	5.0	ug/L	SW846 8040A
2,4-Dimethylphenol	ND	5.0	ug/L	SW846 8040A
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8040A
4,6-Dinitro- 2-methylphenol	ND	5.0	ug/L	SW846 8040A
Dinoseb	ND	5.0	ug/L	SW846 8040A
2-Nitrophenol	ND	5.0	ug/L	SW846 8040A
4-Nitrophenol	ND	5.0	ug/L	SW846 8040A
Pentachlorophenol	ND	5.0	ug/L	SW846 8040A
Phenol	ND	5.0	ug/L	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	SW846 8040A
2,4,5-Trichloro- phenol	ND	5.0	ug/L	SW846 8040A
2,4,6-Trichloro- phenol	ND	5.0	ug/L	SW846 8040A
SURROGATE	PERCENT	RECOVERY		
	RECOVERY	LIMITS		
2,4,6-Tribromophenol	89	(44 - 110)		
2-Fluorophenol	83	(37 - 96)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: SL702 Work Order #....: J3DWM1AC Matrix.....: WATER
 LCS Lot-Sample#: F7G230000-174
 Prep Date.....: 07/23/07 Analysis Date...: 08/01/07
 Prep Batch #....: 7204174
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Chlorophenol	100	74.7	ug/L	75	SW846 8040A
4-Chloro-3-methylphenol	100	77.5	ug/L	77	SW846 8040A
3-Methylphenol & 4-Methylphenol	100	75.9	ug/L	76	SW846 8040A
2-Methylphenol	100	75.1	ug/L	75	SW846 8040A
2,4-Dichlorophenol	100	74.9	ug/L	75	SW846 8040A
2,6-Dichlorophenol	100	76.4	ug/L	76	SW846 8040A
2,4-Dimethylphenol	100	75.2	ug/L	75	SW846 8040A
2,4-Dinitrophenol	100	81.6	ug/L	82	SW846 8040A
4,6-Dinitro- 2-methylphenol	100	84.0	ug/L	84	SW846 8040A
Dinoseb	100	86.5	ug/L	86	SW846 8040A
2-Nitrophenol	100	78.8	ug/L	79	SW846 8040A
4-Nitrophenol	100	79.9	ug/L	80	SW846 8040A
Pentachlorophenol	100	77.4	ug/L	77	SW846 8040A
Phenol	100	73.3	ug/L	73	SW846 8040A
2,3,4,6-Tetrachlorophenol	100	90.8	ug/L	91	SW846 8040A
2,4,5-Trichloro- phenol	100	78.0	ug/L	78	SW846 8040A
2,4,6-Trichloro- phenol	100	82.1	ug/L	82	SW846 8040A
SURROGATE	PERCENT RECOVERY		RECOVERY LIMITS		
2,4,6-Tribromophenol	83		(50 - 107)		
2-Fluorophenol	73		(50 - 91)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: SL702 Work Order #....: J22LM1AG-MS Matrix.....: WATER
 MS Lot-Sample #: F7G170250-002 J22LM1AH-MSD
 Date Sampled....: 07/16/07 Date Received...: 07/17/07
 Prep Date.....: 07/23/07 Analysis Date...: 08/01/07
 Prep Batch #....: 7204174
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chlorophenol	ND	95.0	71.5	ug/L	75		SW846 8040A
	ND	95.3	70.4	ug/L	74	1.4	SW846 8040A
4-Chloro-3-methylphenol	ND	95.0	72.9	ug/L	77		SW846 8040A
	ND	95.3	73.7	ug/L	77	1.1	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	95.0	72.1	ug/L	76		SW846 8040A
	ND	95.3	72.2	ug/L	76	0.08	SW846 8040A
2-Methylphenol	ND	95.0	71.6	ug/L	75		SW846 8040A
	ND	95.3	70.9	ug/L	74	0.96	SW846 8040A
2,4-Dichlorophenol	ND	95.0	71.7	ug/L	76		SW846 8040A
	ND	95.3	71.2	ug/L	75	0.68	SW846 8040A
2,6-Dichlorophenol	ND	95.0	72.7	ug/L	77		SW846 8040A
	ND	95.3	72.4	ug/L	76	0.46	SW846 8040A
2,4-Dimethylphenol	ND	95.0	63.9	ug/L	67		SW846 8040A
	ND	95.3	66.5	ug/L	70	4.0	SW846 8040A
2,4-Dinitrophenol	ND	95.0	75.1	ug/L	79		SW846 8040A
	ND	95.3	75.6	ug/L	79	0.65	SW846 8040A
4,6-Dinitro- 2-methylphenol	ND	95.0	74.4	ug/L	78		SW846 8040A
	ND	95.3	73.1	ug/L	77	1.8	SW846 8040A
Dinoseb	ND	95.0	78.5	ug/L	83		SW846 8040A
	ND	95.3	77.6	ug/L	82	1.2	SW846 8040A
2-Nitrophenol	ND	95.0	71.2	ug/L	75		SW846 8040A
	ND	95.3	73.2	ug/L	77	2.8	SW846 8040A
4-Nitrophenol	ND	95.0	72.7	ug/L	77		SW846 8040A
	ND	95.3	74.2	ug/L	78	2.1	SW846 8040A
Pentachlorophenol	ND	95.0	71.7	ug/L	75		SW846 8040A
	ND	95.3	70.9	ug/L	74	1.0	SW846 8040A
Phenol	ND	95.0	69.5	ug/L	73		SW846 8040A
	ND	95.3	71.2	ug/L	75	2.5	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	95.0	80.9	ug/L	85		SW846 8040A
	ND	95.3	83.5	ug/L	88	3.2	SW846 8040A
2,4,5-Trichloro- phenol	ND	95.0	72.8	ug/L	77		SW846 8040A
	ND	95.3	73.8	ug/L	77	1.4	SW846 8040A

(Continued on next page)

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL702

Work Order #...: J22LM1AG-MS

Matrix.....: WATER

MS Lot-Sample #: F7G170250-002

J22LM1AH-MSD

<u>PARAMETER</u>	<u>SAMPLE AMOUNT</u>	<u>SPIKE AMT</u>	<u>MEASRD AMOUNT</u>	<u>UNITS</u>	<u>PERCNT RECVRY</u>	<u>RPD</u>	<u>METHOD</u>
2,4,6-Trichloro-phenol	ND	95.0	75.3	ug/L	79		SW846 8040A
	ND	95.3	76.2	ug/L	80	1.2	SW846 8040A

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4,6-Tribromophenol	81	(44 - 110)
	78	(44 - 110)
2-Fluorophenol	73	(37 - 96)
	71	(37 - 96)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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EXTRACTABLE PETROLEUM HYDROCARBONS

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Fluor Hanford Inc

Client Sample ID: B1NHC1

GC Semivolatiles

Lot-Sample #....: F7G130260-002 Work Order #....: J2VP11AC Matrix.....: WATER
Date Sampled....: 07/12/07 Date Received...: 07/13/07
Prep Date.....: 07/18/07 Analysis Date...: 07/27/07
Prep Batch #....: 7200353
Dilution Factor: 1 Method.....: SW846 8015 MOD

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH - Diesel Range - WTPH-D	ND	0.50	mg/L	0.050

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
o-Terphenyl	45	(16 - 150)

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Fluor Hanford Inc

Client Sample ID: B1NHCI

GC Semivolatiles

Lot-Sample #....: F7G130260-002 Work Order #....: J2VP11AE Matrix.....: WATER
Date Sampled....: 07/12/07 Date Received...: 07/13/07
Prep Date.....: 07/18/07 Analysis Date...: 07/27/07
Prep Batch #....: 7200353
Dilution Factor: 1 Method.....: SW846 8015 MOD

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Kerosene	ND	0.50	mg/L	0.50

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
o-Terphenyl	45	(16 - 150)

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METHOD BLANK REPORT

GC Semivolatiles

Client Lot #....: SL702
MB Lot-Sample #: F7G190000-353

Work Order #....: J25591AA

Matrix.....: WATER

Analysis Date...: 07/27/07
Dilution Factor: 1

Prep Date.....: 07/18/07
Prep Batch #....: 7200353

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Kerosene	ND	0.50	mg/L	SW846 8015 MOD
TPH - Diesel Range - WTPH	ND	0.50	mg/L	SW846 8015 MOD

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
o-Terphenyl	58 *	(73 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

* Surrogate recovery is outside stated control limits.

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LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: SL702 Work Order #....: J25591AC Matrix.....: WATER
ICS Lot-Sample#: F7G190000-353
Prep Date.....: 07/18/07 Analysis Date...: 07/27/07
Prep Batch #....: 7200353
Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
TPH - Diesel Range - WTPH	2.50	1.17	mg/L	47	SW846 8015 MO

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
o-Terphenyl	77	(73 - 150)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

RECEIVED AUGUST 24, 2007

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: SL702 Work Order #....: J2VP11AN-MS Matrix.....: WATER
MS Lot-Sample #: F7G130260-002 J2VP11AP-MSD
Date Sampled...: 07/12/07 Date Received...: 07/13/07
Prep Date.....: 07/18/07 Analysis Date...: 07/27/07
Prep Batch #....: 7200353
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH - Diesel Range - WTPH	ND	2.41	1.18	mg/L	49		SW846 8015 MOD
	ND	2.39	1.26	mg/L	53	6.3	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	78	(16 - 150)
	85	(16 - 150)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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VOLATILE PETROLEUM HYDROCARBONS

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NHC1

GC Volatiles

Lot-Sample #....: F7G130260-002 Work Order #....: J2VP11AD Matrix.....: WATER
Date Sampled....: 07/12/07 Date Received...: 07/13/07
Prep Date.....: 07/16/07 Analysis Date...: 07/16/07
Prep Batch #....: 7199151
Dilution Factor: 1 Method.....: SW846 8015 MOD

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Volatile Petroleum Hydrocarbons	ND	0.10	mg/L	0.0095

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	103	(85 - 115)

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METHOD BLANK REPORT

GC Volatiles

Client Lot #....: SL702
MB Lot-Sample #: F7G180000-151

Work Order #....: J23931AA

Matrix.....: WATER

Analysis Date...: 07/16/07

Prep Date.....: 07/16/07

Dilution Factor: 1

Prep Batch #....: 7199151

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Volatile Petroleum Hydrocarbons	ND	0.10	mg/L	SW846 8015 MOD

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	102	(85 - 115)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

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LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: SL702 Work Order #....: J23931AC Matrix.....: WATER
LCS Lot-Sample#: F7G180000-151
Prep Date.....: 07/16/07 Analysis Date...: 07/16/07
Prep Batch #....: 7199151
Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>METHOD</u>
Volatile Petroleum Hydroc	1.00	1.07	mg/L	107	SW846 8015 MO

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	121 *	(85 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

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MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: SL702 Work Order #....: J2VP11AQ-MS Matrix.....: WATER
MS Lot-Sample #: F7G130260-002 J2VP11AR-MSD
Date Sampled....: 07/12/07 Date Received...: 07/13/07
Prep Date.....: 07/16/07 Analysis Date...: 07/16/07
Prep Batch #....: 7199151
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Volatile Petroleum Hydroc	ND	1.00	1.04	mg/L	104		SW846 8015 MOD
	ND	1.00	1.09	mg/L	109	5.1	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	129 *	(85 - 115)
	128 *	(85 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

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METALS

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Fluor Hanford Inc

Client Sample ID: B1NB00

DISSOLVED Metals

Lot-Sample #....: F7G130260-001

Date Sampled....: 07/12/07

Date Received...: 07/13/07

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 7198079						
Mercury	ND	0.20	ug/L	SW846 7470A	07/17/07	J2VPK1A2
		Dilution Factor: 1		MDL.....: 0.093		
Prep Batch #....: 7198253						
Lithium	ND D	100	ug/L	SW846 6010B	07/17-07/25/07	J2VPK1AC
		Dilution Factor: 2		MDL.....: 20.6		
Aluminum	ND D	400	ug/L	SW846 6010B	07/17-07/25/07	J2VPK1AD
		Dilution Factor: 2		MDL.....: 109		
Antimony	ND D	120	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1AE
		Dilution Factor: 2		MDL.....: 89.7		
Barium	38.2 B,D	400	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1AF
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	1.9 B,D	10.0	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1AG
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1AH
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	41000 D	10000	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1AJ
		Dilution Factor: 2		MDL.....: 200		
Chromium	6.0 B,D	20.0	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1AK
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1AL
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1AM
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/17-07/25/07	J2VPK1AN
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	13300 D	10000	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1AP
		Dilution Factor: 2		MDL.....: 256		

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Fluor Hanford Inc

Client Sample ID: B1NHC0

DISSOLVED Metals

Lot-Sample #....: F7G130260-001

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Manganese	3.3 B,D	30.0	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1AQ
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1AR
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	6670 B,D	10000	ug/L	SW846 6010B	07/17-07/25/07	J2VPK1AT
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1AU
		Dilution Factor: 2		MDL.....: 3.4		
Sodium	17000 D	10000	ug/L	SW846 6010B	07/17-07/25/07	J2VPK1AV
		Dilution Factor: 2		MDL.....: 157		
Strontium	185 D	100	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1AW
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	25.3 B,D	100	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1AX
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/17-07/26/07	J2VPK1A0
		Dilution Factor: 2		MDL.....: 19.3		
Prep Batch #....: 7198385						
Arsenic	2.2 B	10.0	ug/L	SW846 6020	07/17-08/11/07	J2VPK1AA
		Dilution Factor: 1		MDL.....: 1.6		
Lead	ND	3.0	ug/L	SW846 6020	07/17-08/11/07	J2VPK1A1
		Dilution Factor: 1		MDL.....: 0.49		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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Fluor Hanford Inc

Client Sample ID: B1NY24

DISSOLVED Metals

Lot-Sample #....: F7G170250-001

Date Sampled....: 07/16/07

Date Received...: 07/17/07

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 7204270						
Antimony	ND D	120	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	59.8 B,D	400	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AC
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	54900 D	10000	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AF
		Dilution Factor: 2		MDL.....: 200		
Chromium	10.6 B,D	20.0	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	40.6 B,D	200	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	17600 D	10000	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AL
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	6370 B,C,D	10000	ug/L	SW846 6010B	07/23-08/08/07	J22LK1AP
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NY24

DISSOLVED Metals

Lot-Sample #....: F7G170250-001

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	15700 D	10000	ug/L	SW846 6010B	07/23-08/08/07	J22LK1AR
		Dilution Factor: 2		MDL.....: 157		
Strontium	255 D	100	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	26.4 B,D	100	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/23-08/09/07	J22LK1AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

- D Result was obtained from the analysis of a dilution.
B Estimated result. Result is less than RL.
C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

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Fluor Hanford Inc

Client Sample ID: BLNY54

DISSOLVED Metals

Lot-Sample #....: F7G170250-008

Date Sampled....: 07/16/07

Date Received...: 07/17/07

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 7204270						
Antimony	ND D	120	ug/L	SW846 6010B	07/23-08/09/07	J22L31AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	57.1 B,D	400	ug/L	SW846 6010B	07/23-08/09/07	J22L31AD
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/23-08/09/07	J22L31AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/23-08/09/07	J22L31AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	50200 D	10000	ug/L	SW846 6010B	07/23-08/09/07	J22L31AG
		Dilution Factor: 2		MDL.....: 200		
Chromium	17.5 B,D	20.0	ug/L	SW846 6010B	07/23-08/09/07	J22L31AH
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/23-08/09/07	J22L31AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/23-08/09/07	J22L31AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	47.5 B,D	200	ug/L	SW846 6010B	07/23-08/09/07	J22L31AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	15900 D	10000	ug/L	SW846 6010B	07/23-08/09/07	J22L31AM
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/23-08/09/07	J22L31AN
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/23-08/09/07	J22L31AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	8150 B,C,D	10000	ug/L	SW846 6010B	07/23-08/08/07	J22L31AQ
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/23-08/09/07	J22L31AR
		Dilution Factor: 2		MDL.....: 3.4		

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RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY54

DISSOLVED Metals

Lot-Sample #...: F7G170250-008

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	26100 D	10000	ug/L	SW846 6010B	07/23-08/08/07	J22L31AT
		Dilution Factor: 2		MDL.....: 157		
Strontium	217 D	100	ug/L	SW846 6010B	07/23-08/09/07	J22L31AU
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	24.3 B,D	100	ug/L	SW846 6010B	07/23-08/09/07	J22L31AV
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/23-08/09/07	J22L31AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

- D Result was obtained from the analysis of a dilution.
B Estimated result. Result is less than RL.
C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

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Fluor Hanford Inc

Client Sample ID: B1NWY7

DISSOLVED Metals

Lot-Sample #....: F7G170298-001

Matrix.....: WATER

Date Sampled...: 07/16/07

Date Received...: 07/17/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 7204274						
Arsenic	2.7 B	10.0	ug/L	SW846 6020	07/23-08/11/07	J221T1AC
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

B Estimated result. Result is less than RL.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NX01

DISSOLVED Metals

Lot-Sample #....: F7G170298-002

Matrix.....: WATER

Date Sampled....: 07/16/07

Date Received...: 07/17/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>WORK</u> <u>ORDER #</u>
Prep Batch #....: 7204274						
Arsenic	ND	10.0	ug/L	SW846 6020	07/23-08/11/07	J221X1AC
		Dilution Factor: 1		MDL.....: 1.6		

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY00

DISSOLVED Metals

Lot-Sample #...: F7G180212-009

Matrix.....: WATER

Date Sampled...: 07/17/07

Date Received...: 07/18/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7204270						
Antimony	ND D	120	ug/L	SW846 6010B	07/23-08/09/07	J24J61AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	61.8 B,D	400	ug/L	SW846 6010B	07/23-08/09/07	J24J61AC
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/23-08/09/07	J24J61AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/23-08/09/07	J24J61AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	51300 D	10000	ug/L	SW846 6010B	07/23-08/09/07	J24J61AF
		Dilution Factor: 2		MDL.....: 200		
Chromium	11.1 B,D	20.0	ug/L	SW846 6010B	07/23-08/09/07	J24J61AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/23-08/09/07	J24J61AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/23-08/09/07	J24J61AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	07/23-08/09/07	J24J61AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	15800 D	10000	ug/L	SW846 6010B	07/23-08/09/07	J24J61AL
		Dilution Factor: 2		MDL.....: 256		
Manganese	2.8 B,C,D	30.0	ug/L	SW846 6010B	07/23-08/09/07	J24J61AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/23-08/09/07	J24J61AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D	10000	ug/L	SW846 6010B	07/23-08/08/07	J24J61AP
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/23-08/09/07	J24J61AQ
		Dilution Factor: 2		MDL.....: 3.4		

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RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY00

DISSOLVED Metals

Lot-Sample #....: F7G180212-009

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	29800 D	10000	ug/L	SW846 6010B	07/23-08/08/07	J24J61AR
		Dilution Factor: 2		MDL.....: 157		
Strontium	231 D	100	ug/L	SW846 6010B	07/23-08/09/07	J24J61AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	26.1 B,D	100	ug/L	SW846 6010B	07/23-08/09/07	J24J61AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/23-08/09/07	J24J61AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

- D Result was obtained from the analysis of a dilution.
B Estimated result. Result is less than RL.
C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NKJ0

DISSOLVED Metals

Lot-Sample #....: F7G190478-001

Matrix.....: WATER

Date Sampled....: 07/18/07

Date Received...: 07/19/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 7204274						
Arsenic	2.2 B	10.0	ug/L	SW846 6020	07/23-08/11/07	J271K1AC
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

B Estimated result. Result is less than RL.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NL79

DISSOLVED Metals

Lot-Sample #....: F7G190478-002

Date Sampled....: 07/18/07

Date Received...: 07/19/07

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 7204270						
Antimony	ND D	120	ug/L	SW846 6010B	07/23-08/09/07	J271M1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	63.9 B,D	400	ug/L	SW846 6010B	07/23-08/09/07	J271M1AC
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/23-08/09/07	J271M1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/23-08/09/07	J271M1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	59500 D	10000	ug/L	SW846 6010B	07/23-08/09/07	J271M1AF
		Dilution Factor: 2		MDL.....: 200		
Chromium	7.3 B,D	20.0	ug/L	SW846 6010B	07/23-08/09/07	J271M1AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/23-08/09/07	J271M1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/23-08/09/07	J271M1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	07/23-08/09/07	J271M1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	14500 D	10000	ug/L	SW846 6010B	07/23-08/09/07	J271M1AL
		Dilution Factor: 2		MDL.....: 256		
Manganese	2.5 B,C,D	30.0	ug/L	SW846 6010B	07/23-08/09/07	J271M1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/23-08/09/07	J271M1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	12000 C,D	10000	ug/L	SW846 6010B	07/23-08/08/07	J271M1AP
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/23-08/09/07	J271M1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NL79

DISSOLVED Metals

Lot-Sample #...: F7G190478-002

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	23600 D	10000	ug/L	SW846 6010B	07/23-08/08/07	J271M1AR
		Dilution Factor: 2		MDL.....: 157		
Strontium	327 D	100	ug/L	SW846 6010B	07/23-08/09/07	J271M1AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	12.1 B,D	100	ug/L	SW846 6010B	07/23-08/09/07	J271M1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/23-08/09/07	J271M1AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

- D Result was obtained from the analysis of a dilution.
B Estimated result. Result is less than RL.
C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NL75

DISSOLVED Metals

Lot-Sample #...: F7G190478-004

Date Sampled...: 07/18/07

Date Received...: 07/19/07

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7204270						
Antimony	ND D	120	ug/L	SW846 6010B	07/23-08/09/07	J271T1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	49.1 B,D	400	ug/L	SW846 6010B	07/23-08/09/07	J271T1AC
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/23-08/09/07	J271T1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/23-08/09/07	J271T1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	51800 D	10000	ug/L	SW846 6010B	07/23-08/09/07	J271T1AF
		Dilution Factor: 2		MDL.....: 200		
Chromium	6.8 B,D	20.0	ug/L	SW846 6010B	07/23-08/09/07	J271T1AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/23-08/09/07	J271T1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/23-08/09/07	J271T1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	07/23-08/09/07	J271T1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	13300 D	10000	ug/L	SW846 6010B	07/23-08/09/07	J271T1AL
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/23-08/09/07	J271T1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/23-08/09/07	J271T1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	6270 B,C,D	10000	ug/L	SW846 6010B	07/23-08/08/07	J271T1AP
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/23-08/09/07	J271T1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NL75

DISSOLVED Metals

Lot-Sample #....: F7G190478-004

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	22400 D	10000	ug/L	SW846 6010B	07/23-08/08/07	J271T1AR
		Dilution Factor: 2		MDL.....: 157		
Strontium	281 D	100	ug/L	SW846 6010B	07/23-08/09/07	J271T1AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	14.1 B,D	100	ug/L	SW846 6010B	07/23-08/09/07	J271T1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/23-08/09/07	J271T1AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

- D Result was obtained from the analysis of a dilution.
B Estimated result. Result is less than RL.
C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: BLN5T2

DISSOLVED Metals

Lot-Sample #....: F7G190487-002

Date Sampled....: 07/18/07

Date Received...: 07/19/07

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 7204270						
Antimony	ND D	300	ug/L	SW846 6010B	07/23-08/09/07	J27411AA
		Dilution Factor: 5		MDL.....: 224		
Barium	317 B,D	1000	ug/L	SW846 6010B	07/23-08/09/07	J27411AC
		Dilution Factor: 5		MDL.....: 25.0		
Beryllium	ND D	25.0	ug/L	SW846 6010B	07/23-08/09/07	J27411AD
		Dilution Factor: 5		MDL.....: 5.3		
Cadmium	ND D	25.0	ug/L	SW846 6010B	07/23-08/09/07	J27411AE
		Dilution Factor: 5		MDL.....: 17.7		
Calcium	770000 D	100000	ug/L	SW846 6010B	07/23-08/09/07	J27411AF
		Dilution Factor: 20		MDL.....: 2000		
Chromium	ND D	50.0	ug/L	SW846 6010B	07/23-08/09/07	J27411AG
		Dilution Factor: 5		MDL.....: 12.3		
Cobalt	20.9 B,D	250	ug/L	SW846 6010B	07/23-08/09/07	J27411AH
		Dilution Factor: 5		MDL.....: 10		
Copper	ND D	125	ug/L	SW846 6010B	07/23-08/09/07	J27411AJ
		Dilution Factor: 5		MDL.....: 9.8		
Iron	1820 D	500	ug/L	SW846 6010B	07/23-08/09/07	J27411AK
		Dilution Factor: 5		MDL.....: 93.0		
Magnesium	116000 D	25000	ug/L	SW846 6010B	07/23-08/09/07	J27411AL
		Dilution Factor: 5		MDL.....: 640		
Manganese	787 C,D	75.0	ug/L	SW846 6010B	07/23-08/09/07	J27411AM
		Dilution Factor: 5		MDL.....: 5.2		
Nickel	ND D	200	ug/L	SW846 6010B	07/23-08/09/07	J27411AN
		Dilution Factor: 5		MDL.....: 22.8		
Potassium	ND D	250000	ug/L	SW846 6010B	07/23-08/09/07	J27411AP
		Dilution Factor: 50		MDL.....: 81600		
Silver	ND D	50.0	ug/L	SW846 6010B	07/23-08/09/07	J27411AQ
		Dilution Factor: 5		MDL.....: 8.4		

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RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1N5T2

DISSOLVED Metals

Lot-Sample #....: F7G190487-002

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	2560000 D	250000	ug/L	SW846 6010B	07/23-08/09/07	J27411AR
		Dilution Factor: 50		MDL.....: 3930		
Strontium	4660 D	1000	ug/L	SW846 6010B	07/23-08/09/07	J27411AT
		Dilution Factor: 20		MDL.....: 11.2		
Vanadium	ND D	250	ug/L	SW846 6010B	07/23-08/09/07	J27411AU
		Dilution Factor: 5		MDL.....: 30.3		
Zinc	86.6 B,D	100	ug/L	SW846 6010B	07/23-08/09/07	J27411AV
		Dilution Factor: 5		MDL.....: 48.2		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY80

DISSOLVED Metals

Lot-Sample #....: F7G210151-001

Date Sampled....: 07/20/07

Date Received...: 07/21/07

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 7204270						
Antimony	ND D	120	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	24.3 B,D	400	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AD
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	31900 D	10000	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AG
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AH
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	139 B,D	200	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	8320 B,D	10000	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AM
		Dilution Factor: 2		MDL.....: 256		
Manganese	37.2 C,D	30.0	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AN
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	8670 B,C,D	10000	ug/L	SW846 6010B	07/23-08/08/07	J3CTT1AQ
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AR
		Dilution Factor: 2		MDL.....: 3.4		

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RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY80

DISSOLVED Metals

Lot-Sample #....: F7G210151-001

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	14400 D	10000	ug/L	SW846 6010B	07/23-08/08/07	J3CTT1AT
		Dilution Factor: 2		MDL.....: 157		
Strontium	171 D	100	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AU
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	27.5 B,D	100	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AV
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/23-08/09/07	J3CTT1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1MR06

DISSOLVED Metals

Lot-Sample #....: F7G210154-001

Matrix.....: WATER

Date Sampled....: 07/20/07

Date Received...: 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 7204274						
Arsenic	5.6 B	10.0	ug/L	SW846 6020	07/23-08/11/07	J3CVM1AA
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

B Estimated result. Result is less than RL.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NL52

DISSOLVED Metals

Lot-Sample #....: F7G230215-001

Matrix.....: WATER

Date Sampled....: 07/20/07

Date Received...: 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 7205274						
Antimony	ND D	120	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	43.1 B,D	400	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AC
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	49500 D	10000	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AF
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	10300 D	10000	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AL
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	7500 B,D	10000	ug/L	SW846 6010B	07/24-08/08/07	J3E0Q1AP
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NL52

DISSOLVED Metals

Lot-Sample #....: F7G230215-001

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	14300 D	10000	ug/L	SW846 6010B	07/24-08/08/07	J3E0Q1AR
		Dilution Factor: 2		MDL.....: 157		
Strontium	213 D	100	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0Q1AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S) :

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NL87

DISSOLVED Metals

Lot-Sample #...: F7G230215-003

Date Sampled...: 07/20/07

Date Received...: 07/21/07

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7205274						
Antimony	ND D	120	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	43.9 B,D	400	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AC
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	51500 D	10000	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AF
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	4.2 B,D	100	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	13800 D	10000	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AL
		Dilution Factor: 2		MDL.....: 256		
Manganese	4.2 B,D	30.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D	10000	ug/L	SW846 6010B	07/24-08/08/07	J3E0W1AP
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NL87

DISSOLVED Metals

Lot-Sample #...: F7G230215-003

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	15100 D	10000	ug/L	SW846 6010B	07/24-08/08/07	J3E0W1AR
		Dilution Factor: 2		MDL.....: 157		
Strontium	285 D	100	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	12.5 B,D	100	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/24-08/02/07	J3E0W1AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.
B Estimated result. Result is less than RL.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NL83

DISSOLVED Metals

Lot-Sample #...: F7G230215-005

Matrix.....: WATER

Date Sampled...: 07/20/07

Date Received...: 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7205274						
Antimony	ND D	120	ug/L	SW846 6010B	07/24-08/02/07	J3E001AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	54.9 B,D	400	ug/L	SW846 6010B	07/24-08/02/07	J3E001AC
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/24-08/02/07	J3E001AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/24-08/02/07	J3E001AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	55200 D	10000	ug/L	SW846 6010B	07/24-08/02/07	J3E001AF
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	07/24-08/02/07	J3E001AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/24-08/02/07	J3E001AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/24-08/02/07	J3E001AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	07/24-08/02/07	J3E001AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	14700 D	10000	ug/L	SW846 6010B	07/24-08/02/07	J3E001AL
		Dilution Factor: 2		MDL.....: 256		
Manganese	4.0 B,D	30.0	ug/L	SW846 6010B	07/24-08/02/07	J3E001AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/24-08/02/07	J3E001AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D	10000	ug/L	SW846 6010B	07/24-08/08/07	J3E001AP
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/24-08/02/07	J3E001AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NL83

DISSOLVED Metals

Lot-Sample #....: F7G230215-005

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	17200 D	10000	ug/L	SW846 6010B	07/24-08/08/07	J3E001AR
		Dilution Factor: 2		MDL.....: 157		
Strontium	313 D	100	ug/L	SW846 6010B	07/24-08/02/07	J3E001AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	07/24-08/02/07	J3E001AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/24-08/02/07	J3E001AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL702

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F7G170000-079 Prep Batch #....: 7198079						
Mercury	ND	0.20	ug/L	SW846 7470A	07/17/07	J21CT1AA
		Dilution Factor: 1				
MB Lot-Sample #: F7G170000-253 Prep Batch #....: 7198253						
Lithium	ND	50.0	ug/L	SW846 6010B	07/17-07/25/07	J22C51AX
		Dilution Factor: 1				
Aluminum	ND	200	ug/L	SW846 6010B	07/17-07/25/07	J22C51A0
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	07/17-07/26/07	J22C51AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	07/17-07/26/07	J22C51AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	07/17-07/25/07	J22C51AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	07/17-07/26/07	J22C51AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AM
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Nickel	ND	40.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	07/17-07/25/07	J22C51AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	07/17-07/25/07	J22C51AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AV
		Dilution Factor: 1				
MB Lot-Sample #: F7G170000-253 Prep Batch #....: 7198385						
Arsenic	ND	10.0	ug/L	SW846 6020	07/17-08/11/07	J22C51AW
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6020	07/17-08/11/07	J22C51A1
		Dilution Factor: 1				
MB Lot-Sample #: F7G230000-270 Prep Batch #....: 7204270						
Antimony	ND	60.0	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AF
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Chromium	ND	10.0	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AL
		Dilution Factor: 1				
Manganese	1.8 B	15.0	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AN
		Dilution Factor: 1				
Potassium	2260 B	5000	ug/L	SW846 6010B	07/23-08/08/07	J3D3W1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	07/23-08/08/07	J3D3W1AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	07/23-08/09/07	J3D3W1AV
		Dilution Factor: 1				

MB Lot-Sample #: F7G230000-274 Prep Batch #....: 7204274

Arsenic	ND	10.0	ug/L	SW846 6020	07/23-08/11/07	J3D301AA
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F7G240000-274 Prep Batch #....: 7205274						
Antimony	ND	60.0	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	07/24-08/08/07	J3F1Q1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	07/24-08/08/07	J3F1Q1AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>WORK</u> <u>ORDER #</u>
Strontium	ND	50.0	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	07/24-08/02/07	J3F1Q1AV
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F7G170000-079 Prep Batch #....: 7198079							
Mercury	1.00	0.932	ug/L	93	SW846 7470A	07/17/07	J21CT1AC
			Dilution Factor: 1				
LCS Lot-Sample#: F7G170000-253 Prep Batch #....: 7198253							
Lithium	1000	967	ug/L	97	SW846 6010B	07/17-07/25/07	J22C51CN
			Dilution Factor: 1				
Aluminum	500	512	ug/L	102	SW846 6010B	07/17-07/25/07	J22C51CP
			Dilution Factor: 1				
Antimony	500	469	ug/L	94	SW846 6010B	07/17-07/26/07	J22C51A2
			Dilution Factor: 1				
Barium	500	467	ug/L	93	SW846 6010B	07/17-07/26/07	J22C51A3
			Dilution Factor: 1				
Beryllium	500	486	ug/L	97	SW846 6010B	07/17-07/26/07	J22C51A4
			Dilution Factor: 1				
Cadmium	500	484	ug/L	97	SW846 6010B	07/17-07/26/07	J22C51A5
			Dilution Factor: 1				
Calcium	10000	10000	ug/L	100	SW846 6010B	07/17-07/26/07	J22C51A6
			Dilution Factor: 1				
Chromium	500	468	ug/L	94	SW846 6010B	07/17-07/26/07	J22C51A7
			Dilution Factor: 1				
Cobalt	500	456	ug/L	91	SW846 6010B	07/17-07/26/07	J22C51A8
			Dilution Factor: 1				
Copper	500	468	ug/L	94	SW846 6010B	07/17-07/26/07	J22C51A9
			Dilution Factor: 1				
Iron	500	487	ug/L	97	SW846 6010B	07/17-07/25/07	J22C51CA
			Dilution Factor: 1				
Magnesium	10000	10100	ug/L	101	SW846 6010B	07/17-07/26/07	J22C51CC
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Manganese	500	474	ug/L	95	SW846 6010B	07/17-07/26/07	J22C51CD
			Dilution Factor: 1				
Nickel	500	468	ug/L	94	SW846 6010B	07/17-07/26/07	J22C51CE
			Dilution Factor: 1				
Potassium	10000	10200	ug/L	102	SW846 6010B	07/17-07/25/07	J22C51CF
			Dilution Factor: 1				
Silver	125	120	ug/L	96	SW846 6010B	07/17-07/26/07	J22C51CG
			Dilution Factor: 1				
Sodium	10000	9900	ug/L	99	SW846 6010B	07/17-07/25/07	J22C51CH
			Dilution Factor: 1				
Strontium	500	504	ug/L	101	SW846 6010B	07/17-07/26/07	J22C51CJ
			Dilution Factor: 1				
Vanadium	500	465	ug/L	93	SW846 6010B	07/17-07/26/07	J22C51CK
			Dilution Factor: 1				
Zinc	500	506	ug/L	101	SW846 6010B	07/17-07/26/07	J22C51CL
			Dilution Factor: 1				
LCS Lot-Sample#: F7G170000-253 Prep Batch #....: 7198385							
Arsenic	500	526	ug/L	105	SW846 6020	07/17-08/11/07	J22C51CM
			Dilution Factor: 1				
Lead	500	534	ug/L	107	SW846 6020	07/17-08/11/07	J22C51CQ
			Dilution Factor: 1				
LCS Lot-Sample#: F7G230000-270 Prep Batch #....: 7204270							
Antimony	500	521	ug/L	104	SW846 6010B	07/23-08/09/07	J3D3W1AW
			Dilution Factor: 1				
Barium	500	543	ug/L	109	SW846 6010B	07/23-08/09/07	J3D3W1AX
			Dilution Factor: 1				
Beryllium	500	556	ug/L	111	SW846 6010B	07/23-08/09/07	J3D3W1A0
			Dilution Factor: 1				
Cadmium	500	547	ug/L	109	SW846 6010B	07/23-08/09/07	J3D3W1A1
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Calcium	10000	10500	ug/L	105	SW846 6010B	07/23-08/09/07	J3D3W1A2
			Dilution Factor: 1				
Chromium	500	542	ug/L	108	SW846 6010B	07/23-08/09/07	J3D3W1A3
			Dilution Factor: 1				
Cobalt	500	523	ug/L	105	SW846 6010B	07/23-08/09/07	J3D3W1A4
			Dilution Factor: 1				
Copper	500	532	ug/L	106	SW846 6010B	07/23-08/09/07	J3D3W1A5
			Dilution Factor: 1				
Iron	500	573	ug/L	115	SW846 6010B	07/23-08/09/07	J3D3W1A6
			Dilution Factor: 1				
Magnesium	10000	10400	ug/L	104	SW846 6010B	07/23-08/09/07	J3D3W1A7
			Dilution Factor: 1				
Manganese	500	550	ug/L	110	SW846 6010B	07/23-08/09/07	J3D3W1A8
			Dilution Factor: 1				
Nickel	500	534	ug/L	107	SW846 6010B	07/23-08/09/07	J3D3W1A9
			Dilution Factor: 1				
Potassium	10000	10900	ug/L	109	SW846 6010B	07/23-08/08/07	J3D3W1CA
			Dilution Factor: 1				
Silver	125	132	ug/L	105	SW846 6010B	07/23-08/09/07	J3D3W1CC
			Dilution Factor: 1				
Sodium	10000	9900	ug/L	99	SW846 6010B	07/23-08/08/07	J3D3W1CD
			Dilution Factor: 1				
Strontium	500	582	ug/L	116	SW846 6010B	07/23-08/09/07	J3D3W1CE
			Dilution Factor: 1				
Vanadium	500	534	ug/L	107	SW846 6010B	07/23-08/09/07	J3D3W1CF
			Dilution Factor: 1				
Zinc	500	580	ug/L	116	SW846 6010B	07/23-08/09/07	J3D3W1CG
			Dilution Factor: 1				

(Continued on next page)

RECEIVED AUGUST 24, 2007

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F7G230000-274 Prep Batch #....: 7204274							
Arsenic	500	518	ug/L	104	SW846 6020	07/23-08/11/07	J3D301AC
Dilution Factor: 1							
LCS Lot-Sample#: F7G240000-274 Prep Batch #....: 7205274							
Antimony	500	494	ug/L	99	SW846 6010B	07/24-08/02/07	J3F1Q1AW
Dilution Factor: 1							
Barium	500	500	ug/L	100	SW846 6010B	07/24-08/02/07	J3F1Q1AX
Dilution Factor: 1							
Beryllium	500	523	ug/L	105	SW846 6010B	07/24-08/02/07	J3F1Q1A0
Dilution Factor: 1							
Cadmium	500	508	ug/L	102	SW846 6010B	07/24-08/02/07	J3F1Q1A1
Dilution Factor: 1							
Calcium	10000	10100	ug/L	101	SW846 6010B	07/24-08/02/07	J3F1Q1A2
Dilution Factor: 1							
Chromium	500	503	ug/L	101	SW846 6010B	07/24-08/02/07	J3F1Q1A3
Dilution Factor: 1							
Cobalt	500	488	ug/L	98	SW846 6010B	07/24-08/02/07	J3F1Q1A4
Dilution Factor: 1							
Copper	500	492	ug/L	98	SW846 6010B	07/24-08/02/07	J3F1Q1A5
Dilution Factor: 1							
Iron	500	565	ug/L	113	SW846 6010B	07/24-08/02/07	J3F1Q1A6
Dilution Factor: 1							
Magnesium	10000	10200	ug/L	102	SW846 6010B	07/24-08/02/07	J3F1Q1A7
Dilution Factor: 1							
Manganese	500	507	ug/L	101	SW846 6010B	07/24-08/02/07	J3F1Q1A8
Dilution Factor: 1							
Nickel	500	494	ug/L	99	SW846 6010B	07/24-08/02/07	J3F1Q1A9
Dilution Factor: 1							
Potassium	10000	10300	ug/L	103	SW846 6010B	07/24-08/08/07	J3F1Q1CA
Dilution Factor: 1							

(Continued on next page)

RECEIVED AUGUST 24, 2007

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Silver	125	123	ug/L	99	SW846 6010B	07/24-08/02/07	J3F1Q1CC
			Dilution Factor: 1				
Sodium	10000	9920	ug/L	99	SW846 6010B	07/24-08/08/07	J3F1Q1CD
			Dilution Factor: 1				
Strontium	500	530	ug/L	106	SW846 6010B	07/24-08/02/07	J3F1Q1CE
			Dilution Factor: 1				
Vanadium	500	499	ug/L	100	SW846 6010B	07/24-08/02/07	J3F1Q1CF
			Dilution Factor: 1				
Zinc	500	530	ug/L	106	SW846 6010B	07/24-08/02/07	J3F1Q1CG
			Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

RECEIVED AUGUST 24, 2007

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

Date Sampled....: 07/12/07

Date Received...: 07/13/07

PARAMETER	AMOUNT	SAMPLE SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7G130260-001 Prep Batch #....: 7198079									
Mercury									
ND		1.00	1.01	ug/L	101		SW846 7470A	07/17/07	J2VPK1A7
ND		1.00	1.04	ug/L	104	2.9	SW846 7470A	07/17/07	J2VPK1A8
Dilution Factor: 1									
MS Lot-Sample #: F7G130260-001 Prep Batch #....: 7198253									
Lithium									
ND		1000	1050 D	ug/L	105		SW846 6010B	07/17-07/25/07	J2VPK1CC
ND		1000	1040 D	ug/L	104	1.0	SW846 6010B	07/17-07/25/07	J2VPK1CD
Dilution Factor: 2									
Aluminum									
ND		1000	1160 D	ug/L	116		SW846 6010B	07/17-07/25/07	J2VPK1CE
ND		1000	1160 D	ug/L	116	0.08	SW846 6010B	07/17-07/25/07	J2VPK1CF
Dilution Factor: 2									
Antimony									
ND		250	248 D	ug/L	99		SW846 6010B	07/17-07/26/07	J2VPK1CG
ND		250	252 D	ug/L	101	1.9	SW846 6010B	07/17-07/26/07	J2VPK1CH
Dilution Factor: 2									
Barium									
38.2		1000	998 D	ug/L	96		SW846 6010B	07/17-07/26/07	J2VPK1CJ
38.2		1000	1030 D	ug/L	99	3.3	SW846 6010B	07/17-07/26/07	J2VPK1CK
Dilution Factor: 2									
Beryllium									
1.9		25.0	25.9 D	ug/L	96		SW846 6010B	07/17-07/26/07	J2VPK1CL
1.9		25.0	26.6 D	ug/L	99	2.8	SW846 6010B	07/17-07/26/07	J2VPK1CM
Dilution Factor: 2									
Cadmium									
ND		25.0	24.9 D	ug/L	100		SW846 6010B	07/17-07/26/07	J2VPK1CN
ND		25.0	25.2 D	ug/L	101	1.4	SW846 6010B	07/17-07/26/07	J2VPK1CP
Dilution Factor: 2									
Calcium									
41000		25000	64700 D	ug/L	95		SW846 6010B	07/17-07/26/07	J2VPK1CQ
41000		25000	67000 D	ug/L	104	3.4	SW846 6010B	07/17-07/26/07	J2VPK1CR
Dilution Factor: 2									

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RECEIVED AUGUST 24, 2007

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

Date Sampled....: 07/12/07

Date Received...: 07/13/07

PARAMETER	AMOUNT	SAMPLE SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Chromium									
	6.0	100	104 D	ug/L	98		SW846 6010B	07/17-07/26/07	J2VPK1CT
	6.0	100	105 D	ug/L	99	0.88	SW846 6010B	07/17-07/26/07	J2VPK1CU
Dilution Factor: 2									
Cobalt									
	ND	250	235 D	ug/L	94		SW846 6010B	07/17-07/26/07	J2VPK1CV
	ND	250	242 D	ug/L	97	2.9	SW846 6010B	07/17-07/26/07	J2VPK1CW
Dilution Factor: 2									
Copper									
	ND	125	121 D	ug/L	97		SW846 6010B	07/17-07/26/07	J2VPK1CX
	ND	125	122 D	ug/L	98	0.72	SW846 6010B	07/17-07/26/07	J2VPK1C0
Dilution Factor: 2									
Iron									
	ND	500	554 D	ug/L	111		SW846 6010B	07/17-07/25/07	J2VPK1C1
	ND	500	556 D	ug/L	111	0.33	SW846 6010B	07/17-07/25/07	J2VPK1C2
Dilution Factor: 2									
Magnesium									
	13300	25000	38900 D	ug/L	102		SW846 6010B	07/17-07/26/07	J2VPK1C3
	13300	25000	40000 D	ug/L	107	2.8	SW846 6010B	07/17-07/26/07	J2VPK1C4
Dilution Factor: 2									
Manganese									
	3.3	250	246 D	ug/L	97		SW846 6010B	07/17-07/26/07	J2VPK1C5
	3.3	250	253 D	ug/L	100	2.8	SW846 6010B	07/17-07/26/07	J2VPK1C6
Dilution Factor: 2									
Nickel									
	ND	250	239 D	ug/L	96		SW846 6010B	07/17-07/26/07	J2VPK1C7
	ND	250	248 D	ug/L	99	3.4	SW846 6010B	07/17-07/26/07	J2VPK1C8
Dilution Factor: 2									
Potassium									
	6670	25000	32000 D	ug/L	101		SW846 6010B	07/17-07/25/07	J2VPK1C9
	6670	25000	30100 D	ug/L	94	6.1	SW846 6010B	07/17-07/25/07	J2VPK1DA
Dilution Factor: 2									
Silver									
	ND	25.0	27.1 D	ug/L	108		SW846 6010B	07/17-07/26/07	J2VPK1DC
	ND	25.0	26.3 D	ug/L	105	2.8	SW846 6010B	07/17-07/26/07	J2VPK1DD
Dilution Factor: 2									

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RECEIVED AUGUST 24, 2007

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

Date Sampled....: 07/12/07

Date Received...: 07/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium									
	17000	25000	43500 D	ug/L	106		SW846 6010B	07/17-07/25/07	J2VPK1DE
	17000	25000	43200 D	ug/L	105	0.63	SW846 6010B	07/17-07/25/07	J2VPK1DF
Dilution Factor: 2									
Strontium									
	185	500	700 D	ug/L	103		SW846 6010B	07/17-07/26/07	J2VPK1DG
	185	500	724 D	ug/L	108	3.4	SW846 6010B	07/17-07/26/07	J2VPK1DH
Dilution Factor: 2									
Vanadium									
	25.3	250	265 D	ug/L	96		SW846 6010B	07/17-07/26/07	J2VPK1DJ
	25.3	250	271 D	ug/L	98	2.4	SW846 6010B	07/17-07/26/07	J2VPK1DK
Dilution Factor: 2									
Zinc									
	ND	250	274 D	ug/L	110		SW846 6010B	07/17-07/26/07	J2VPK1A3
	ND	250	275 D	ug/L	110	0.03	SW846 6010B	07/17-07/26/07	J2VPK1A4
Dilution Factor: 2									
MS Lot-Sample #: F7G130260-001 Prep Batch #....: 7198385									
Arsenic									
	2.2	1000	1050	ug/L	105		SW846 6020	07/17-08/11/07	J2VPK1A9
	2.2	1000	1040	ug/L	104	1.1	SW846 6020	07/17-08/11/07	J2VPK1CA
Dilution Factor: 1									
Lead									
	ND	250	266	ug/L	106		SW846 6020	07/17-08/11/07	J2VPK1A5
	ND	250	264	ug/L	106	0.60	SW846 6020	07/17-08/11/07	J2VPK1A6
Dilution Factor: 1									

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

D Result was obtained from the analysis of a dilution.

RECEIVED AUGUST 24, 2007

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

Date Sampled....: 07/16/07

Date Received...: 07/17/07

PARAMETER	AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7G170250-001 Prep Batch #....: 7204270									
Antimony									
ND	250	240 D	ug/L	96			SW846 6010B	07/23-08/09/07	J22LK1AW
ND	250	245 D	ug/L	98	2.2		SW846 6010B	07/23-08/09/07	J22LK1AX
Dilution Factor: 2									
Barium									
59.8	1000	1060 D	ug/L	100			SW846 6010B	07/23-08/09/07	J22LK1A0
59.8	1000	1080 D	ug/L	102	1.8		SW846 6010B	07/23-08/09/07	J22LK1A1
Dilution Factor: 2									
Beryllium									
ND	25.0	27.0 D	ug/L	108			SW846 6010B	07/23-08/09/07	J22LK1A2
ND	25.0	27.6 D	ug/L	110	2.2		SW846 6010B	07/23-08/09/07	J22LK1A3
Dilution Factor: 2									
Cadmium									
ND	25.0	25.1 D	ug/L	101			SW846 6010B	07/23-08/09/07	J22LK1A4
ND	25.0	25.4 D	ug/L	102	1.0		SW846 6010B	07/23-08/09/07	J22LK1A5
Dilution Factor: 2									
Calcium									
54900	25000	77500 D	ug/L	90			SW846 6010B	07/23-08/09/07	J22LK1A6
54900	25000	78900 D	ug/L	96	1.7		SW846 6010B	07/23-08/09/07	J22LK1A7
Dilution Factor: 2									
Chromium									
10.6	100	112 D	ug/L	101			SW846 6010B	07/23-08/09/07	J22LK1A8
10.6	100	111 D	ug/L	100	1.0		SW846 6010B	07/23-08/09/07	J22LK1A9
Dilution Factor: 2									
Cobalt									
ND	250	241 D	ug/L	96			SW846 6010B	07/23-08/09/07	J22LK1CA
ND	250	243 D	ug/L	97	1.0		SW846 6010B	07/23-08/09/07	J22LK1CC
Dilution Factor: 2									
Copper									
ND	125	123 D	ug/L	98			SW846 6010B	07/23-08/09/07	J22LK1CD
ND	125	121 D	ug/L	97	1.0		SW846 6010B	07/23-08/09/07	J22LK1CE
Dilution Factor: 2									

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RECEIVED AUGUST 24, 2007

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

Date Sampled....: 07/16/07

Date Received...: 07/17/07

PARAMETER	AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Iron									
	40.6	500	552 D	ug/L	102		SW846 6010B	07/23-08/09/07	J22LK1CF
	40.6	500	515 D	ug/L	95	6.9	SW846 6010B	07/23-08/09/07	J22LK1CG
Dilution Factor: 2									
Magnesium									
	17600	25000	41300 D	ug/L	95		SW846 6010B	07/23-08/09/07	J22LK1CH
	17600	25000	42100 D	ug/L	98	1.8	SW846 6010B	07/23-08/09/07	J22LK1CJ
Dilution Factor: 2									
Manganese									
	ND	250	254 D	ug/L	101		SW846 6010B	07/23-08/09/07	J22LK1CK
	ND	250	259 D	ug/L	103	1.8	SW846 6010B	07/23-08/09/07	J22LK1CL
Dilution Factor: 2									
Nickel									
	ND	250	246 D	ug/L	98		SW846 6010B	07/23-08/09/07	J22LK1CM
	ND	250	248 D	ug/L	99	0.96	SW846 6010B	07/23-08/09/07	J22LK1CN
Dilution Factor: 2									
Potassium									
	6370	25000	32500 D	ug/L	105		SW846 6010B	07/23-08/08/07	J22LK1CP
	6370	25000	27900 D	ug/L	86	15	SW846 6010B	07/23-08/08/07	J22LK1CQ
Dilution Factor: 2									
Silver									
	ND	25.0	26.1 D	ug/L	94		SW846 6010B	07/23-08/09/07	J22LK1CR
	ND	25.0	23.0 D	ug/L	82	13	SW846 6010B	07/23-08/09/07	J22LK1CT
Dilution Factor: 2									
Sodium									
	15700	25000	41900 D	ug/L	105		SW846 6010B	07/23-08/08/07	J22LK1CU
	15700	25000	40700 D	ug/L	100	2.8	SW846 6010B	07/23-08/08/07	J22LK1CV
Dilution Factor: 2									
Strontium									
	255	500	784 D	ug/L	106		SW846 6010B	07/23-08/09/07	J22LK1CW
	255	500	798 D	ug/L	109	1.7	SW846 6010B	07/23-08/09/07	J22LK1CX
Dilution Factor: 2									
Vanadium									
	26.4	250	270 D	ug/L	98		SW846 6010B	07/23-08/09/07	J22LK1C0
	26.4	250	273 D	ug/L	99	1.0	SW846 6010B	07/23-08/09/07	J22LK1C1
Dilution Factor: 2									

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RECEIVED AUGUST 24, 2007

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

Date Sampled...: 07/16/07

Date Received...: 07/17/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Zinc	ND	250	274 D	ug/L	110		SW846 6010B	07/23-08/09/07	J22LK1C2
	ND	250	280 D	ug/L	112	2.1	SW846 6010B	07/23-08/09/07	J22LK1C3

Dilution Factor: 2

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

D Result was obtained from the analysis of a dilution.

RECEIVED AUGUST 24, 2007

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

Date Sampled....: 07/16/07

Date Received...: 07/17/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7G170298-001 Prep Batch #....: 7204274									
Arsenic									
	2.7	1000	1050	ug/L	105		SW846 6020	07/23-08/11/07	J221T1AD
	2.7	1000	1050	ug/L	104	0.36	SW846 6020	07/23-08/11/07	J221T1AE
Dilution Factor: 1									

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

RECEIVED AUGUST 24, 2007

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

Date Sampled....: 07/20/07

Date Received...: 07/21/07

PARAMETER	AMOUNT	AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7G210154-001 Prep Batch #....: 7204274									
Arsenic									
	5.6	1000	1050	ug/L	104		SW846 6020	07/23-08/11/07	J3CVM1AC
	5.6	1000	1050	ug/L	104	0.01	SW846 6020	07/23-08/11/07	J3CVM1AD
Dilution Factor: 1									

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

RECEIVED AUGUST 24, 2007

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

Date Sampled...: 07/20/07

Date Received...: 07/21/07

PARAMETER	AMOUNT	AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7G230215-001 Prep Batch #....: 7205274									
Antimony									
ND	250		231 D	ug/L	92		SW846 6010B	07/24-08/02/07	J3E0Q1AW
ND	250		241 D	ug/L	97	4.3	SW846 6010B	07/24-08/02/07	J3E0Q1AX
Dilution Factor: 2									
Barium									
43.1	1000		988 D	ug/L	95		SW846 6010B	07/24-08/02/07	J3E0Q1A0
43.1	1000		1050 D	ug/L	101	6.5	SW846 6010B	07/24-08/02/07	J3E0Q1A1
Dilution Factor: 2									
Beryllium									
ND	25.0		24.9 D	ug/L	99		SW846 6010B	07/24-08/02/07	J3E0Q1A2
ND	25.0		26.6 D	ug/L	106	6.7	SW846 6010B	07/24-08/02/07	J3E0Q1A3
Dilution Factor: 2									
Cadmium									
ND	25.0		24.2 D	ug/L	97		SW846 6010B	07/24-08/02/07	J3E0Q1A4
ND	25.0		25.5 D	ug/L	102	5.4	SW846 6010B	07/24-08/02/07	J3E0Q1A5
Dilution Factor: 2									
Calcium									
49500	25000		68400 D	ug/L	76		SW846 6010B	07/24-08/02/07	J3E0Q1A6
49500	25000		73800 D	ug/L	97	7.5	SW846 6010B	07/24-08/02/07	J3E0Q1A7
Dilution Factor: 2									
Chromium									
ND	100		98.3 D	ug/L	98		SW846 6010B	07/24-08/02/07	J3E0Q1A8
ND	100		105 D	ug/L	105	6.3	SW846 6010B	07/24-08/02/07	J3E0Q1A9
Dilution Factor: 2									
Cobalt									
ND	250		225 D	ug/L	90		SW846 6010B	07/24-08/02/07	J3E0Q1CA
ND	250		242 D	ug/L	97	6.9	SW846 6010B	07/24-08/02/07	J3E0Q1CC
Dilution Factor: 2									
Copper									
ND	125		114 D	ug/L	91		SW846 6010B	07/24-08/02/07	J3E0Q1CD
ND	125		122 D	ug/L	97	6.7	SW846 6010B	07/24-08/02/07	J3E0Q1CE
Dilution Factor: 2									

(Continued on next page)

RECEIVED AUGUST 24, 2007

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

Date Sampled....: 07/20/07

Date Received...: 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Iron									
ND		500	509 D	ug/L	102		SW846 6010B	07/24-08/02/07	J3E0Q1CF
ND		500	549 D	ug/L	110	7.6	SW846 6010B	07/24-08/02/07	J3E0Q1CG
Dilution Factor: 2									
Magnesium									
10300		25000	33100 D	ug/L	91		SW846 6010B	07/24-08/02/07	J3E0Q1CH
10300		25000	35400 D	ug/L	100	6.8	SW846 6010B	07/24-08/02/07	J3E0Q1CJ
Dilution Factor: 2									
Manganese									
ND		250	238 D	ug/L	95		SW846 6010B	07/24-08/02/07	J3E0Q1CK
ND		250	254 D	ug/L	102	6.4	SW846 6010B	07/24-08/02/07	J3E0Q1CL
Dilution Factor: 2									
Nickel									
ND		250	226 D	ug/L	91		SW846 6010B	07/24-08/02/07	J3E0Q1CM
ND		250	242 D	ug/L	97	6.8	SW846 6010B	07/24-08/02/07	J3E0Q1CN
Dilution Factor: 2									
Potassium									
7500		25000	26200 D	ug/L	75		SW846 6010B	07/24-08/08/07	J3E0Q1CP
7500		25000	31800 D	ug/L	97	19	SW846 6010B	07/24-08/08/07	J3E0Q1CQ
Dilution Factor: 2									
Silver									
ND		25.0	24.2 D	ug/L	97		SW846 6010B	07/24-08/02/07	J3E0Q1CR
ND		25.0	24.6 D	ug/L	98	1.4	SW846 6010B	07/24-08/02/07	J3E0Q1CT
Dilution Factor: 2									
Sodium									
14300		25000	38600 D	ug/L	97		SW846 6010B	07/24-08/08/07	J3E0Q1CU
14300		25000	37400 D	ug/L	92	3.0	SW846 6010B	07/24-08/08/07	J3E0Q1CV
Dilution Factor: 2									
Strontium									
213		500	696 D	ug/L	97		SW846 6010B	07/24-08/02/07	J3E0Q1CW
213		500	745 D	ug/L	106	6.9	SW846 6010B	07/24-08/02/07	J3E0Q1CX
Dilution Factor: 2									
Vanadium									
ND		250	242 D	ug/L	93		SW846 6010B	07/24-08/02/07	J3E0Q1CO
ND		250	257 D	ug/L	99	6.1	SW846 6010B	07/24-08/02/07	J3E0Q1C1
Dilution Factor: 2									

(Continued on next page)

RECEIVED AUGUST 24, 2007

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL702

Matrix.....: WATER

Date Sampled....: 07/20/07

Date Received...: 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	254 D	ug/L	102		SW846 6010B	07/24-08/02/07	J3E0Q1C2
	ND	250	268 D	ug/L	107	5.4	SW846 6010B	07/24-08/02/07	J3E0Q1C3

Dilution Factor: 2

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

D Result was obtained from the analysis of a dilution.

RECEIVED AUGUST 24, 2007

WET CHEMISTRY

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NX11

General Chemistry

Lot-Sample #....: F7G120385-001

Work Order #....: J2RVE

Matrix.....: WATER

Date Sampled....: 07/11/07

Date Received...: 07/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	16.7 D	2.0	mg/L	MCAWW 300.0A	07/12/07	7194330
			Dilution Factor: 10	MDL.....: 0.20		
Fluoride	0.38	0.10	mg/L	MCAWW 300.0A	07/12/07	7194331
			Dilution Factor: 1	MDL.....: 0.025		
Nitrate	28.9 D	1.0	mg/L	MCAWW 300.0A	07/12/07	7194334
			Dilution Factor: 50	MDL.....: 0.20		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	07/12/07	7194333
			Dilution Factor: 1	MDL.....: 0.0050		
Sulfate	35.4 D	5.0	mg/L	MCAWW 300.0A	07/12/07	7194332
			Dilution Factor: 10	MDL.....: 0.50		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NHC1

General Chemistry

Lot-Sample #....: F7G130260-002
Date Sampled....: 07/12/07Work Order #....: J2VP1
Date Received...: 07/13/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND N	50.0	ug/L	MCAWW 350.1	07/17/07	7198128
		Dilution Factor: 1		MDL.....: 5.0		
Phenol	ND	50.0	ug/L	MCAWW 420.2	07/25-07/27/07	7205111
		Dilution Factor: 1		MDL.....: 14.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/25/07	7205282
		Dilution Factor: 1		MDL.....: 0.76		
Total Sulfide	ND	1.0	mg/L	SW846 9030	07/16/07	7197012
		Dilution Factor: 1		MDL.....: 0.18		
TOX	50.7	5.0	ug/L	SW846 9020B	08/06/07	7219092
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

N Spiked analyte recovery is outside stated control limits.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY25

General Chemistry

Lot-Sample #....: F7G170250-002

Work Order #....: J22LM

Matrix.....: WATER

Date Sampled....: 07/16/07

Date Received...: 07/17/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	70.6	5.0	ug/L	SW846 9020B	08/02/07	7215096
		Dilution Factor: 1		MDL.....: 2.2		

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY57

General Chemistry

Lot-Sample #....: F7G170250-003

Work Order #....: J22LR

Matrix.....: WATER

Date Sampled....: 07/16/07

Date Received...: 07/17/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	ND	5.0	ug/L	SW846 9020B	08/02/07	7215096
		Dilution Factor: 1		MDL.....: 2.2		

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY50

General Chemistry

Lot-Sample #....: F7G170250-004
Date Sampled....: 07/16/07Work Order #....: J22LV
Date Received...: 07/17/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon ND		1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	4.8 B	5.0	ug/L	SW846 9020B	08/02/07	7215096
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY51

General Chemistry

Lot-Sample #....: F7G170250-005
Date Sampled....: 07/16/07Work Order #....: J22LW
Date Received...: 07/17/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon ND		1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	4.1 B	5.0	ug/L	SW846 9020B	08/02/07	7215096
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S) :

RL Reporting Limit

B Estimated result. Result is less than RL.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY52

General Chemistry

Lot-Sample #....: F7G170250-006

Work Order #....: J22LX

Matrix.....: WATER

Date Sampled....: 07/16/07

Date Received...: 07/17/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon ND		1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	4.3 B	5.0	ug/L	SW846 9020B	08/02/07	7215096
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY53

General Chemistry

Lot-Sample #....: F7G170250-007

Work Order #....: J22L1

Matrix.....: WATER

Date Sampled....: 07/16/07

Date Received...: 07/17/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon ND		1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	5.2	5.0	ug/L	SW846 9020B	08/02/07	7215096
		Dilution Factor: 1		MDL.....: 2.2		

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Fluor Hanford Inc

Client Sample ID: B1NJ25

General Chemistry

Lot-Sample #...: F7G180203-001

Work Order #...: J24GT

Matrix.....: WATER

Date Sampled...: 07/17/07

Date Received...: 07/18/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	13.4 DN	2.0	mg/L	MCAWW 300.0A	07/18/07	7204077
			Dilution Factor: 10	MDL.....: 0.20		
Fluoride	ND N	0.10	mg/L	MCAWW 300.0A	07/18/07	7204078
			Dilution Factor: 1	MDL.....: 0.025		
Nitrate	21.9 DN	1.0	mg/L	MCAWW 300.0A	07/18/07	7204081
			Dilution Factor: 50	MDL.....: 0.20		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	07/18/07	7204080
			Dilution Factor: 1	MDL.....: 0.0050		
Phosphate as P, Ortho	ND N	0.50	mg/L	MCAWW 300.0A	07/18/07	7204082
			Dilution Factor: 1	MDL.....: 0.16		
Sulfate	77.2 DN	5.0	mg/L	MCAWW 300.0A	07/18/07	7204079
			Dilution Factor: 10	MDL.....: 0.50		

NOTE(S):

RL Reporting Limit

DN Result obtained from dilution; spike sample recovery outside control limits.

N Spiked analyte recovery is outside stated control limits.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NJ16

General Chemistry

Lot-Sample #....: F7G180203-002
Date Sampled....: 07/17/07Work Order #....: J24G2
Date Received...: 07/18/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	11.9 DN	2.0	mg/L	MCAWW 300.0A	07/18/07	7204077
			Dilution Factor: 10	MDL.....: 0.20		
Fluoride	0.044 B,N	0.10	mg/L	MCAWW 300.0A	07/18/07	7204078
			Dilution Factor: 1	MDL.....: 0.025		
Nitrate	7.1 DN	0.20	mg/L	MCAWW 300.0A	07/18/07	7204081
			Dilution Factor: 10	MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	07/18/07	7204080
			Dilution Factor: 1	MDL.....: 0.0050		
Phosphate as P, Ortho	0.21 B,N	0.50	mg/L	MCAWW 300.0A	07/18/07	7204082
			Dilution Factor: 1	MDL.....: 0.16		
Sulfate	72.1 DN	5.0	mg/L	MCAWW 300.0A	07/18/07	7204079
			Dilution Factor: 10	MDL.....: 0.50		

NOTE(S):

RL Reporting Limit

DN Result obtained from dilution; spike sample recovery outside control limits.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NJ17

General Chemistry

Lot-Sample #....: F7G180203-003
Date Sampled....: 07/17/07Work Order #....: J24G8
Date Received...: 07/18/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	13.0 DN	2.0	mg/L	MCAWW 300.0A	07/18/07	7204077
			Dilution Factor: 10	MDL.....: 0.20		
Fluoride	0.063 B,N	0.10	mg/L	MCAWW 300.0A	07/18/07	7204078
			Dilution Factor: 1	MDL.....: 0.025		
Nitrate	7.3 DN	0.20	mg/L	MCAWW 300.0A	07/18/07	7204081
			Dilution Factor: 10	MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	07/18/07	7204080
			Dilution Factor: 1	MDL.....: 0.0050		
Phosphate as P, Ortho	0.25 B,N	0.50	mg/L	MCAWW 300.0A	07/18/07	7204082
			Dilution Factor: 1	MDL.....: 0.16		
Sulfate	72.5 DN	5.0	mg/L	MCAWW 300.0A	07/18/07	7204079
			Dilution Factor: 10	MDL.....: 0.50		

NOTE(S):

RL Reporting Limit

DN Result obtained from dilution; spike sample recovery outside control limits.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NX79

General Chemistry

Lot-Sample #....: F7G180207-002
Date Sampled....: 07/17/07Work Order #....: J24HW
Date Received...: 07/18/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	64.5 DN	4.0	mg/L	MCAWW 300.0A	07/18/07	7204077
			Dilution Factor: 20	MDL.....: 0.40		
Fluoride	0.17 N	0.10	mg/L	MCAWW 300.0A	07/18/07	7204078
			Dilution Factor: 1	MDL.....: 0.025		
Nitrate	5.8 DN	0.40	mg/L	MCAWW 300.0A	07/18/07	7204081
			Dilution Factor: 20	MDL.....: 0.080		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	07/18/07	7204080
			Dilution Factor: 1	MDL.....: 0.0050		
Sulfate	20.4 DN	10.0	mg/L	MCAWW 300.0A	07/18/07	7204079
			Dilution Factor: 20	MDL.....: 1.0		

NOTE(S):

RL Reporting Limit

DN Result obtained from dilution; spike sample recovery outside control limits.

N Spiked analyte recovery is outside stated control limits.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY19

General Chemistry

Lot-Sample #....: F7G180212-001

Work Order #....: J24H5

Matrix.....: WATER

Date Sampled....: 07/17/07

Date Received...: 07/18/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	249	5.0	ug/L	SW846 9020B	08/02/07	7215096
		Dilution Factor: 1		MDL.....: 2.2		

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY20

General Chemistry

Lot-Sample #....: F7G180212-002

Work Order #....: J24JA

Matrix.....: WATER

Date Sampled....: 07/17/07

Date Received...: 07/18/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Organic Carbon ND		1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	247	5.0	ug/L	SW846 9020B	08/02/07	7215096
		Dilution Factor: 1		MDL.....: 2.2		

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY21

General Chemistry

Lot-Sample #....: F7G180212-003
Date Sampled....: 07/17/07Work Order #....: J24JE
Date Received...: 07/18/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	277 C	5.0	ug/L	SW846 9020B	08/03/07	7218057
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

C Analyte detected in method blank above the MDL/IDL.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NY22

General Chemistry

Lot-Sample #....: F7G180212-004

Work Order #....: J24JF

Matrix.....: WATER

Date Sampled....: 07/17/07

Date Received...: 07/18/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	262 C	5.0	ug/L	SW846 9020B	08/03/07	7218057
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S) :

RL Reporting Limit

C Analyte detected in method blank above the MDL/IDL.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NXY4

General Chemistry

Lot-Sample #....: F7G180212-005
Date Sampled....: 07/17/07Work Order #....: J24JL
Date Received...: 07/18/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon ND		1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	20.4	5.0	ug/L	SW846 9020B	08/06/07	7219092
		Dilution Factor: 1		MDL.....: 2.2		

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NKY5

General Chemistry

Lot-Sample #...: F7G180212-006

Work Order #...: J24JT

Matrix.....: WATER

Date Sampled...: 07/17/07

Date Received...: 07/18/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Organic Carbon ND		1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	18.2	5.0	ug/L	SW846 9020B	08/06-08/07/07	7219092
		Dilution Factor: 1		MDL.....: 2.2		

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NXY6

General Chemistry

Lot-Sample #....: F7G180212-007

Work Order #....: J24J0

Matrix.....: WATER

Date Sampled....: 07/17/07

Date Received...: 07/18/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon ND		1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	15.4	5.0	ug/L	SW846 9020B	08/06-08/07/07	7219092
		Dilution Factor: 1		MDL.....: 2.2		

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NXY9

General Chemistry

Lot-Sample #....: F7G180212-008

Work Order #....: J24J1

Matrix.....: WATER

Date Sampled....: 07/17/07

Date Received...: 07/18/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Organic Carbon ND		1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	14.7	5.0	ug/L	SW846 9020B	08/06-08/07/07	7219092
		Dilution Factor: 1		MDL.....: 2.2		

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NL80

General Chemistry

Lot-Sample #....: F7G190478-003
 Date Sampled....: 07/18/07

Work Order #....: J271P
 Date Received...: 07/19/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	17.1 C,D	4.0	mg/L	MCAWW 300.0A Dilution Factor: 20 MDL.....: 0.40	07/19/07	7204056
Fluoride	0.32 N	0.10	mg/L	MCAWW 300.0A Dilution Factor: 1 MDL.....: 0.025	07/19/07	7204057
Nitrate	14.8 DN	0.40	mg/L	MCAWW 300.0A Dilution Factor: 20 MDL.....: 0.080	07/19/07	7204060
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A Dilution Factor: 1 MDL.....: 0.0050	07/19/07	7204059
Sulfate	64.0 D	10.0	mg/L	MCAWW 300.0A Dilution Factor: 20 MDL.....: 1.0	07/19/07	7204058
Total Alkalinity	166	5.0	mg/L	MCAWW 310.1 Dilution Factor: 1 MDL.....: 0.85	07/20/07	7201154

NOTE(S):

RL Reporting Limit

C Analyte detected in method blank above the MDL/IDL.

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

DN Result obtained from dilution; spike sample recovery outside control limits.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NL76

General Chemistry

Lot-Sample #....: F7G190478-005
 Date Sampled....: 07/18/07

Work Order #....: J271V
 Date Received...: 07/19/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	15.6 C,D	2.0	mg/L	MCAWW 300.0A MDL.....: 0.20	07/19/07	7204056
	Dilution Factor: 10					
Fluoride	0.37 N	0.10	mg/L	MCAWW 300.0A MDL.....: 0.025	07/19/07	7204057
	Dilution Factor: 1					
Nitrate	7.4 DN	0.20	mg/L	MCAWW 300.0A MDL.....: 0.040	07/19/07	7204060
	Dilution Factor: 10					
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A MDL.....: 0.0050	07/19/07	7204059
	Dilution Factor: 1					
Sulfate	64.8 D	5.0	mg/L	MCAWW 300.0A MDL.....: 0.50	07/19/07	7204058
	Dilution Factor: 10					
Total Alkalinity	128	5.0	mg/L	MCAWW 310.1 MDL.....: 0.85	07/20/07	7201154
	Dilution Factor: 1					

NOTE(S):

RL Reporting Limit

C Analyte detected in method blank above the MDL/IDL.

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

DN Result obtained from dilution; spike sample recovery outside control limits.

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Fluor Hanford Inc

Client Sample ID: B1N4T3

General Chemistry

Lot-Sample #...: F7G190487-001

Work Order #...: J274T

Matrix.....: WATER

Date Sampled...: 07/18/07

Date Received...: 07/19/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	1270 C,D	200	mg/L	MCAWW 300.0A	07/19/07	7204056
			Dilution Factor: 1000	MDL.....: 20.0		
Fluoride	1.0 D,N	1.0	mg/L	MCAWW 300.0A	07/19/07	7204057
			Dilution Factor: 10	MDL.....: 0.25		
Nitrate	1950 DN	100	mg/L	MCAWW 300.0A	07/19/07	7204060
			Dilution Factor: 5000	MDL.....: 20.0		
Nitrite	ND D,N	0.20	mg/L	MCAWW 300.0A	07/19/07	7204059
			Dilution Factor: 10	MDL.....: 0.050		
Sulfate	459 D	25.0	mg/L	MCAWW 300.0A	07/19/07	7204058
			Dilution Factor: 50	MDL.....: 2.5		
Total Cyanide	3990 DN	40.0	ug/L	SW846 9012	07/23-07/24/07	7204172
			Dilution Factor: 8	MDL.....: 19.2		

NOTE(S):

RL Reporting Limit

C Analyte detected in method blank above the MDL/IDL.

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

DN Result obtained from dilution; spike sample recovery outside control limits.

RECEIVED AUGUST 24, 2007

Fluor Hanford Inc

Client Sample ID: B1NX88

General Chemistry

Lot-Sample #...: F7G210149-002
Date Sampled...: 07/20/07Work Order #...: J3CTL
Date Received...: 07/21/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	28.2 DN	2.0	mg/L	MCAWW 300.0A	07/21/07	7205378
			Dilution Factor: 10	MDL.....: 0.20		
Fluoride	0.034 B	0.10	mg/L	MCAWW 300.0A	07/21/07	7205379
			Dilution Factor: 1	MDL.....: 0.025		
Nitrate	5.6 DN	0.20	mg/L	MCAWW 300.0A	07/21/07	7205381
			Dilution Factor: 10	MDL.....: 0.040		
Nitrite	ND D	0.20	mg/L	MCAWW 300.0A	07/26/07	7211232
			Dilution Factor: 10	MDL.....: 0.050		
Sulfate	36.0 DN	5.0	mg/L	MCAWW 300.0A	07/21/07	7205380
			Dilution Factor: 10	MDL.....: 0.50		

NOTE(S):

RL Reporting Limit

DN Result obtained from dilution; spike sample recovery outside control limits.

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

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Fluor Hanford Inc

Client Sample ID: B1MR07

General Chemistry

Lot-Sample #....: F7G210154-002

Work Order #....: J3CV5

Matrix.....: WATER

Date Sampled....: 07/20/07

Date Received...: 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	23.7 DN	2.0	mg/L	MCAWW 300.0A	07/21/07	7205378
			Dilution Factor: 10	MDL.....: 0.20		
Fluoride	0.37	0.10	mg/L	MCAWW 300.0A	07/21/07	7205379
			Dilution Factor: 1	MDL.....: 0.025		
Nitrate	6.2 DN	0.20	mg/L	MCAWW 300.0A	07/21/07	7205381
			Dilution Factor: 10	MDL.....: 0.040		
Nitrite	ND D	0.20	mg/L	MCAWW 300.0A	07/26/07	7211232
			Dilution Factor: 10	MDL.....: 0.050		
Sulfate	122 DN	5.0	mg/L	MCAWW 300.0A	07/21/07	7205380
			Dilution Factor: 10	MDL.....: 0.50		

NOTE(S):

RL Reporting Limit

DN Result obtained from dilution; spike sample recovery outside control limits.

D Result was obtained from the analysis of a dilution.

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Fluor Hanford Inc

Client Sample ID: B1ML53

General Chemistry

Lot-Sample #....: F7G230215-002

Work Order #....: J3E0V

Matrix.....: WATER

Date Sampled....: 07/20/07

Date Received...: 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	21.1 DN	2.0	mg/L	MCAWW 300.0A	07/21/07	7205378
			Dilution Factor: 10	MDL.....: 0.20		
Fluoride	0.28	0.10	mg/L	MCAWW 300.0A	07/21/07	7205379
			Dilution Factor: 1	MDL.....: 0.025		
Nitrate	7.8 DN	0.20	mg/L	MCAWW 300.0A	07/21/07	7205381
			Dilution Factor: 10	MDL.....: 0.040		
Nitrite	ND D	0.20	mg/L	MCAWW 300.0A	07/26/07	7211232
			Dilution Factor: 10	MDL.....: 0.050		
Sulfate	45.6 DN	5.0	mg/L	MCAWW 300.0A	07/21/07	7205380
			Dilution Factor: 10	MDL.....: 0.50		
Total Alkalinity	104	5.0	mg/L	MCAWW 310.1	07/26/07	7207142
			Dilution Factor: 1	MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

DN Result obtained from dilution; spike sample recovery outside control limits.

D Result was obtained from the analysis of a dilution.

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Fluor Hanford Inc

Client Sample ID: B1NL88

General Chemistry

Lot-Sample #....: F7G230215-004

Work Order #....: J3E0X

Matrix.....: WATER

Date Sampled....: 07/20/07

Date Received...: 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	12.4 DN	2.0	mg/L	MCAWW 300.0A	07/21/07	7205378
			Dilution Factor: 10	MDL.....: 0.20		
Fluoride	0.27	0.10	mg/L	MCAWW 300.0A	07/21/07	7205379
			Dilution Factor: 1	MDL.....: 0.025		
Nitrate	3.6 DN	0.20	mg/L	MCAWW 300.0A	07/21/07	7205381
			Dilution Factor: 10	MDL.....: 0.040		
Nitrite	0.35	0.020	mg/L	MCAWW 300.0A	07/25/07	7207127
			Dilution Factor: 1	MDL.....: 0.0050		
Sulfate	74.5 DN	5.0	mg/L	MCAWW 300.0A	07/21/07	7205380
			Dilution Factor: 10	MDL.....: 0.50		
Total Alkalinity	123	5.0	mg/L	MCAWW 310.1	07/26/07	7207142
			Dilution Factor: 1	MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

DN Result obtained from dilution; spike sample recovery outside control limits.

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Fluor Hanford Inc

Client Sample ID: B1NL84

General Chemistry

Lot-Sample #....: F7G230215-006
Date Sampled....: 07/20/07Work Order #....: J3E01
Date Received...: 07/21/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	14.2 DN	2.0	mg/L	MCAWW 300.0A	07/21/07	7205378
			Dilution Factor: 10	MDL.....: 0.20		
Fluoride	0.29	0.10	mg/L	MCAWW 300.0A	07/21/07	7205379
			Dilution Factor: 1	MDL.....: 0.025		
Nitrate	12.1 DN	0.40	mg/L	MCAWW 300.0A	07/21/07	7205381
			Dilution Factor: 20	MDL.....: 0.080		
Nitrite	ND D	0.20	mg/L	MCAWW 300.0A	07/26/07	7211232
			Dilution Factor: 10	MDL.....: 0.050		
Sulfate	57.0 DN	5.0	mg/L	MCAWW 300.0A	07/21/07	7205380
			Dilution Factor: 10	MDL.....: 0.50		
Total Alkalinity	128	5.0	mg/L	MCAWW 310.1	07/26/07	7207142
			Dilution Factor: 1	MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

DN Result obtained from dilution; spike sample recovery outside control limits.

D Result was obtained from the analysis of a dilution.

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Fluor Hanford Inc

Client Sample ID: B1NM75

General Chemistry

Lot-Sample #....: F7G230216-001

Work Order #....: J3E03

Matrix.....: WATER

Date Sampled....: 07/20/07

Date Received...: 07/21/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/25/07	7205282
		Dilution Factor: 1		MDL.....: 0.76		
TOX	ND	5.0	ug/L	SW846 9020B	08/03/07	7218057
		Dilution Factor: 1		MDL.....: 2.2		

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Fluor Hanford Inc

Client Sample ID: B1NM76

General Chemistry

Lot-Sample #....: F7G230216-002
Date Sampled....: 07/20/07Work Order #....: J3E04
Date Received...: 07/21/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/25/07	7205282
		Dilution Factor: 1		MDL.....: 0.76		
TOX	ND	5.0	ug/L	SW846 9020B	08/03/07	7218057
		Dilution Factor: 1		MDL.....: 2.2		

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Fluor Hanford Inc

Client Sample ID: B1NM77

General Chemistry

Lot-Sample #....: F7G230216-003
Date Sampled....: 07/20/07Work Order #....: J3E05
Date Received...: 07/21/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon ND		1.0	mg/L	SW846 9060	07/25/07	7205282
		Dilution Factor: 1		MDL.....: 0.76		
TOX	2.4 B	5.0	ug/L	SW846 9020B	08/06-08/07/07	7219092
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

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Fluor Hanford Inc

Client Sample ID: B1NM78

General Chemistry

Lot-Sample #....: F7G230216-004

Work Order #....: J3E06

Matrix.....: WATER

Date Sampled....: 07/20/07

Date Received...: 07/21/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/25/07	7205282
		Dilution Factor: 1		MDL.....: 0.76		
TOX	ND	5.0	ug/L	SW846 9020B	08/06-08/07/07	7219092
		Dilution Factor: 1		MDL.....: 2.2		

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Fluor Hanford Inc

Client Sample ID: B1N3P7

General Chemistry

Lot-Sample #....: F7G260301-001
Date Sampled....: 07/25/07Work Order #....: J3MLP
Date Received...: 07/26/07

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	5.8 C,D	2.0	mg/L	MCAWW 300.0A	07/26/07	7208109
			Dilution Factor: 10	MDL.....: 0.20		
Fluoride	0.33 N	0.10	mg/L	MCAWW 300.0A	07/26/07	7208110
			Dilution Factor: 1	MDL.....: 0.025		
Nitrate	1.4 D	0.20	mg/L	MCAWW 300.0A	07/26/07	7208113
			Dilution Factor: 10	MDL.....: 0.040		
Nitrite	0.081 N	0.020	mg/L	MCAWW 300.0A	07/26/07	7208112
			Dilution Factor: 1	MDL.....: 0.0050		
Sulfate	35.9 D	5.0	mg/L	MCAWW 300.0A	07/26/07	7208111
			Dilution Factor: 10	MDL.....: 0.50		

NOTE(S):

RL Reporting Limit

C Analyte detected in method blank above the MDL/IDL.

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

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METHOD BLANK REPORT

General Chemistry

Client Lot #....: SL702

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	ND	Work Order #: J20HP1AA 0.20	mg/L	MB Lot-Sample #: F7G130000-330 MCAWW 300.0A	07/12/07	7194330
		Dilution Factor: 1				
Chloride	ND	Work Order #: J3DT11AA 0.20	mg/L	MB Lot-Sample #: F7G230000-077 MCAWW 300.0A	07/18/07	7204077
		Dilution Factor: 1				
Chloride	0.040 B	Work Order #: J3FXL1AA 0.20	mg/L	MB Lot-Sample #: F7G230000-056 MCAWW 300.0A	07/19/07	7204056
		Dilution Factor: 1				
Chloride	ND	Work Order #: J3JMM1AA 0.20	mg/L	MB Lot-Sample #: F7G240000-378 MCAWW 300.0A	07/21/07	7205378
		Dilution Factor: 1				
Chloride	0.034 B	Work Order #: J3T461AA 0.20	mg/L	MB Lot-Sample #: F7G270000-109 MCAWW 300.0A	07/26/07	7208109
		Dilution Factor: 1				
Fluoride	ND	Work Order #: J20H01AA 0.10	mg/L	MB Lot-Sample #: F7G130000-331 MCAWW 300.0A	07/12/07	7194331
		Dilution Factor: 1				
Fluoride	ND	Work Order #: J3DT21AA 0.10	mg/L	MB Lot-Sample #: F7G230000-078 MCAWW 300.0A	07/18/07	7204078
		Dilution Factor: 1				
Fluoride	ND	Work Order #: J3FXN1AA 0.10	mg/L	MB Lot-Sample #: F7G230000-057 MCAWW 300.0A	07/19/07	7204057
		Dilution Factor: 1				
Fluoride	ND	Work Order #: J3JMN1AA 0.10	mg/L	MB Lot-Sample #: F7G240000-379 MCAWW 300.0A	07/21/07	7205379
		Dilution Factor: 1				
Fluoride	ND	Work Order #: J3T481AA 0.10	mg/L	MB Lot-Sample #: F7G270000-110 MCAWW 300.0A	07/26/07	7208110
		Dilution Factor: 1				
Nitrate	ND	Work Order #: J20JF1AA 0.020	mg/L	MB Lot-Sample #: F7G130000-334 MCAWW 300.0A	07/12/07	7194334
		Dilution Factor: 1				

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METHOD BLANK REPORT

General Chemistry

Client Lot #....: SL702

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Nitrate	ND	Work Order #: J3DT51AA 0.020 Dilution Factor: 1	mg/L	MB Lot-Sample #: F7G230000-081 MCAWW 300.0A	07/18/07	7204081
Nitrate	ND	Work Order #: J3FXV1AA 0.020 Dilution Factor: 1	mg/L	MB Lot-Sample #: F7G230000-060 MCAWW 300.0A	07/19/07	7204060
Nitrate	ND	Work Order #: J3JMT1AA 0.020 Dilution Factor: 1	mg/L	MB Lot-Sample #: F7G240000-381 MCAWW 300.0A	07/21/07	7205381
Nitrate	ND	Work Order #: J3T5G1AA 0.020 Dilution Factor: 1	mg/L	MB Lot-Sample #: F7G270000-113 MCAWW 300.0A	07/26/07	7208113
Nitrite	ND	Work Order #: J20H91AA 0.020 Dilution Factor: 1	mg/L	MB Lot-Sample #: F7G130000-333 MCAWW 300.0A	07/12/07	7194333
Nitrite	ND	Work Order #: J3DT41AA 0.020 Dilution Factor: 1	mg/L	MB Lot-Sample #: F7G230000-080 MCAWW 300.0A	07/18/07	7204080
Nitrite	ND	Work Order #: J3FXR1AA 0.020 Dilution Factor: 1	mg/L	MB Lot-Sample #: F7G230000-059 MCAWW 300.0A	07/19/07	7204059
Nitrite	ND	Work Order #: J3K2H1AA 0.020 Dilution Factor: 1	mg/L	MB Lot-Sample #: F7G260000-127 MCAWW 300.0A	07/25/07	7207127
Nitrite	ND	Work Order #: J3T5D1AA 0.020 Dilution Factor: 1	mg/L	MB Lot-Sample #: F7G270000-112 MCAWW 300.0A	07/26/07	7208112
Nitrite	ND	Work Order #: J3T501AA 0.020 Dilution Factor: 1	mg/L	MB Lot-Sample #: F7G300000-232 MCAWW 300.0A	07/26/07	7211232
Nitrogen, as Ammonia	ND	Work Order #: J21F51AA 50.0 Dilution Factor: 1	ug/L	MB Lot-Sample #: F7G170000-128 MCAWW 350.1	07/17/07	7198128

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL702

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Phenol	ND	Work Order #: J3FCV1AA 50.0	ug/L	MB Lot-Sample #: F7G240000-111 MCAWW 420.2	07/25-07/27/07	7205111
		Dilution Factor: 1				
Phosphate as P, Ortho	ND	Work Order #: J3DT61AA 0.50	mg/L	MB Lot-Sample #: F7G230000-082 MCAWW 300.0A	07/18/07	7204082
		Dilution Factor: 1				
Sulfate	ND	Work Order #: J20H71AA 0.50	mg/L	MB Lot-Sample #: F7G130000-332 MCAWW 300.0A	07/12/07	7194332
		Dilution Factor: 1				
Sulfate	ND	Work Order #: J3DT31AA 0.50	mg/L	MB Lot-Sample #: F7G230000-079 MCAWW 300.0A	07/18/07	7204079
		Dilution Factor: 1				
Sulfate	ND	Work Order #: J3FXP1AA 0.50	mg/L	MB Lot-Sample #: F7G230000-058 MCAWW 300.0A	07/19/07	7204058
		Dilution Factor: 1				
Sulfate	ND	Work Order #: J3JMQ1AA 0.50	mg/L	MB Lot-Sample #: F7G240000-380 MCAWW 300.0A	07/21/07	7205380
		Dilution Factor: 1				
Sulfate	ND	Work Order #: J3T5A1AA 0.50	mg/L	MB Lot-Sample #: F7G270000-111 MCAWW 300.0A	07/26/07	7208111
		Dilution Factor: 1				
Total Alkalinity	ND	Work Order #: J287F1AA 5.0	mg/L	MB Lot-Sample #: F7G200000-154 MCAWW 310.1	07/20/07	7201154
		Dilution Factor: 1				
Total Alkalinity	ND	Work Order #: J3LKM1AA 5.0	mg/L	MB Lot-Sample #: F7G260000-142 MCAWW 310.1	07/26/07	7207142
		Dilution Factor: 1				
Total Cyanide	ND	Work Order #: J3DN91AA 5.0	ug/L	MB Lot-Sample #: F7G230000-172 SW846 9012	07/23-07/24/07	7204172
		Dilution Factor: 1				
Total Organic Carbon	ND	Work Order #: J3HR01AA 1.0	mg/L	MB Lot-Sample #: F7G240000-281 SW846 9060	07/24/07	7205281
		Dilution Factor: 1				

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METHOD BLANK REPORT

General Chemistry

Client Lot #....: SL702

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	Work Order #: J3HR81AA 1.0	mg/L	MB Lot-Sample #: F7G240000-282 SW846 9060	07/24/07	7205282
		Dilution Factor: 1				
Total Sulfide	ND	Work Order #: J20F81AA 1.0	mg/L	MB Lot-Sample #: F7G160000-012 SW846 9030	07/16/07	7197012
		Dilution Factor: 1				
TOX	ND	Work Order #: J35FN1AA 5.0	ug/L	MB Lot-Sample #: F7H030000-096 SW846 9020B	08/02/07	7215096
		Dilution Factor: 1				
TOX	5.4	Work Order #: J386F1AA 5.0	ug/L	MB Lot-Sample #: F7H060000-057 SW846 9020B	08/03/07	7218057
		Dilution Factor: 1				
TOX	ND	Work Order #: J4AJG1AA 5.0	ug/L	MB Lot-Sample #: F7H070000-092 SW846 9020B	08/06/07	7219092
		Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #....: SL702

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride								
						WO#:J20HP1AC-LCS/J20HP1AD-LCSD LCS Lot-Sample#: F7G130000-330		
	2.00	1.90	mg/L	95		MCAWW 300.0A	07/12/07	7194330
	2.00	1.97	mg/L	98	3.4	MCAWW 300.0A	07/12/07	7194330
						Dilution Factor: 1		
Chloride								
						WO#:J3DT11AC-LCS/J3DT11AD-LCSD LCS Lot-Sample#: F7G230000-077		
	2.00	2.19	mg/L	109		MCAWW 300.0A	07/18/07	7204077
	2.00	2.19	mg/L	109	0.04	MCAWW 300.0A	07/18/07	7204077
						Dilution Factor: 1		
Chloride								
						WO#:J3FXL1AC-LCS/J3FXL1AD-LCSD LCS Lot-Sample#: F7G230000-056		
	2.00	2.10	mg/L	105		MCAWW 300.0A	07/19/07	7204056
	2.00	2.17	mg/L	109	3.6	MCAWW 300.0A	07/19/07	7204056
						Dilution Factor: 1		
Chloride								
						WO#:J3JMM1AC-LCS/J3JMM1AD-LCSD LCS Lot-Sample#: F7G240000-378		
	2.00	2.08	mg/L	104		MCAWW 300.0A	07/21/07	7205378
	2.00	2.17	mg/L	108	4.0	MCAWW 300.0A	07/21/07	7205378
						Dilution Factor: 1		
Chloride								
						WO#:J3T461AC-LCS/J3T461AD-LCSD LCS Lot-Sample#: F7G270000-109		
	2.00	2.04	mg/L	102		MCAWW 300.0A	07/26/07	7208109
	2.00	1.99	mg/L	99	2.5	MCAWW 300.0A	07/26/07	7208109
						Dilution Factor: 1		
Fluoride								
						WO#:J20H01AC-LCS/J20H01AD-LCSD LCS Lot-Sample#: F7G130000-331		
	1.00	0.945	mg/L	95		MCAWW 300.0A	07/12/07	7194331
	1.00	1.02	mg/L	102	7.7	MCAWW 300.0A	07/12/07	7194331
						Dilution Factor: 1		
Fluoride								
						WO#:J3DT21AC-LCS/J3DT21AD-LCSD LCS Lot-Sample#: F7G230000-078		
	1.00	1.08	mg/L	108		MCAWW 300.0A	07/18/07	7204078
	1.00	1.05	mg/L	105	2.6	MCAWW 300.0A	07/18/07	7204078
						Dilution Factor: 1		
Fluoride								
						WO#:J3FXN1AC-LCS/J3FXN1AD-LCSD LCS Lot-Sample#: F7G230000-057		
	1.00	1.01	mg/L	101		MCAWW 300.0A	07/19/07	7204057
	1.00	1.05	mg/L	105	4.7	MCAWW 300.0A	07/19/07	7204057
						Dilution Factor: 1		

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL702

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Fluoride								
						WO#:J3JMN1AC-LCS/J3JMN1AD-LCSD	LCS Lot-Sample#: F7G240000-379	
	1.00	1.06	mg/L	106		MCAWW 300.0A	07/21/07	7205379
	1.00	1.07	mg/L	107	0.55	MCAWW 300.0A	07/21/07	7205379
						Dilution Factor: 1		
Fluoride								
						WO#:J3T481AC-LCS/J3T481AD-LCSD	LCS Lot-Sample#: F7G270000-110	
	1.00	0.984	mg/L	98		MCAWW 300.0A	07/26/07	7208110
	1.00	0.995	mg/L	99	1.2	MCAWW 300.0A	07/26/07	7208110
						Dilution Factor: 1		
Nitrate								
						WO#:J20JF1AC-LCS/J20JF1AD-LCSD	LCS Lot-Sample#: F7G130000-334	
	0.400	0.391	mg/L	98		MCAWW 300.0A	07/12/07	7194334
	0.400	0.400	mg/L	100	2.2	MCAWW 300.0A	07/12/07	7194334
						Dilution Factor: 1		
Nitrate								
						WO#:J3DT51AC-LCS/J3DT51AD-LCSD	LCS Lot-Sample#: F7G230000-081	
	0.400	0.407	mg/L	102		MCAWW 300.0A	07/18/07	7204081
	0.400	0.434	mg/L	109	6.5	MCAWW 300.0A	07/18/07	7204081
						Dilution Factor: 1		
Nitrate								
						WO#:J3FXV1AC-LCS/J3FXV1AD-LCSD	LCS Lot-Sample#: F7G230000-060	
	0.400	0.436	mg/L	109		MCAWW 300.0A	07/19/07	7204060
	0.400	0.436	mg/L	109	0.02	MCAWW 300.0A	07/19/07	7204060
						Dilution Factor: 1		
Nitrate								
						WO#:J3JMT1AC-LCS/J3JMT1AD-LCSD	LCS Lot-Sample#: F7G240000-381	
	0.400	0.435	mg/L	109		MCAWW 300.0A	07/21/07	7205381
	0.400	0.441	mg/L	110	1.3	MCAWW 300.0A	07/21/07	7205381
						Dilution Factor: 1		
Nitrate								
						WO#:J3T5G1AC-LCS/J3T5G1AD-LCSD	LCS Lot-Sample#: F7G270000-113	
	0.400	0.409	mg/L	102		MCAWW 300.0A	07/26/07	7208113
	0.400	0.407	mg/L	102	0.33	MCAWW 300.0A	07/26/07	7208113
						Dilution Factor: 1		
Nitrite								
						WO#:J20H91AC-LCS/J20H91AD-LCSD	LCS Lot-Sample#: F7G130000-333	
	0.160	0.153	mg/L	96		MCAWW 300.0A	07/12/07	7194333
	0.160	0.157	mg/L	98	2.4	MCAWW 300.0A	07/12/07	7194333
						Dilution Factor: 1		

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #....: SL702

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
WO#:J3DT41AC-LCS/J3DT41AD-LCSD LCS Lot-Sample#: F7G230000-080								
Nitrite	0.160	0.156	mg/L	98		MCAWW 300.0A	07/18/07	7204080
	0.160	0.165	mg/L	103	5.5	MCAWW 300.0A	07/18/07	7204080
Dilution Factor: 1								
WO#:J3FXR1AC-LCS/J3FXR1AD-LCSD LCS Lot-Sample#: F7G230000-059								
Nitrite	0.160	0.146	mg/L	91		MCAWW 300.0A	07/19/07	7204059
	0.160	0.158	mg/L	99	8.0	MCAWW 300.0A	07/19/07	7204059
Dilution Factor: 1								
WO#:J3K2H1AC-LCS/J3K2H1AD-LCSD LCS Lot-Sample#: F7G260000-127								
Nitrite	0.160	0.169	mg/L	106		MCAWW 300.0A	07/25/07	7207127
	0.160	0.164	mg/L	102	3.2	MCAWW 300.0A	07/25/07	7207127
Dilution Factor: 1								
WO#:J3T5D1AC-LCS/J3T5D1AD-LCSD LCS Lot-Sample#: F7G270000-112								
Nitrite	0.160	0.159	mg/L	99		MCAWW 300.0A	07/26/07	7208112
	0.160	0.163	mg/L	102	2.5	MCAWW 300.0A	07/26/07	7208112
Dilution Factor: 1								
WO#:J3T501AC-LCS/J3T501AD-LCSD LCS Lot-Sample#: F7G300000-232								
Nitrite	0.160	0.159	mg/L	99		MCAWW 300.0A	07/26/07	7211232
	0.160	0.163	mg/L	102	2.5	MCAWW 300.0A	07/26/07	7211232
Dilution Factor: 1								
WO#:J21F51AC-LCS/J21F51AD-LCSD LCS Lot-Sample#: F7G170000-128								
Nitrogen, as Ammonia	400	416	ug/L	104		MCAWW 350.1	07/17-07/20/07	7198128
	400	414	ug/L	103	0.56	MCAWW 350.1	07/17-07/20/07	7198128
Dilution Factor: 1								
WO#:J3DT61AC-LCS/J3DT61AD-LCSD LCS Lot-Sample#: F7G230000-082								
Phosphate as P, Ortho	8.00	9.03 N	mg/L	113		MCAWW 300.0A	07/18/07	7204082
	8.00	8.95 N	mg/L	112	0.79	MCAWW 300.0A	07/18/07	7204082
Dilution Factor: 1								
WO#:J20H71AC-LCS/J20H71AD-LCSD LCS Lot-Sample#: F7G130000-332								
Sulfate	8.00	7.54	mg/L	94		MCAWW 300.0A	07/12/07	7194332
	8.00	7.59	mg/L	95	0.78	MCAWW 300.0A	07/12/07	7194332
Dilution Factor: 1								

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #....: SL702

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Sulfate						WO#: J3DT31AC-LCS/J3DT31AD-LCSD LCS Lot-Sample#: F7G230000-079		
	8.00	8.56	mg/L	107		MCAWW 300.0A	07/18/07	7204079
	8.00	8.50	mg/L	106	0.67	MCAWW 300.0A	07/18/07	7204079
						Dilution Factor: 1		
Sulfate						WO#: J3FXP1AC-LCS/J3FXP1AD-LCSD LCS Lot-Sample#: F7G230000-058		
	8.00	8.47	mg/L	106		MCAWW 300.0A	07/19/07	7204058
	8.00	8.45	mg/L	106	0.31	MCAWW 300.0A	07/19/07	7204058
						Dilution Factor: 1		
Sulfate						WO#: J3JMQ1AC-LCS/J3JMQ1AD-LCSD LCS Lot-Sample#: F7G240000-380		
	8.00	8.48	mg/L	106		MCAWW 300.0A	07/21/07	7205380
	8.00	8.53	mg/L	107	0.50	MCAWW 300.0A	07/21/07	7205380
						Dilution Factor: 1		
Sulfate						WO#: J3T5A1AC-LCS/J3T5A1AD-LCSD LCS Lot-Sample#: F7G270000-111		
	8.00	8.11	mg/L	101		MCAWW 300.0A	07/26/07	7208111
	8.00	7.95	mg/L	99	2.0	MCAWW 300.0A	07/26/07	7208111
						Dilution Factor: 1		
Total Alkalinity						WO#: J287F1AC-LCS/J287F1AD-LCSD LCS Lot-Sample#: F7G200000-154		
	200	199	mg/L	100		MCAWW 310.1	07/20/07	7201154
	200	200	mg/L	100	0.50	MCAWW 310.1	07/20/07	7201154
						Dilution Factor: 1		
Total Alkalinity						WO#: J3LKM1AC-LCS/J3LKM1AD-LCSD LCS Lot-Sample#: F7G260000-142		
	200	198	mg/L	99		MCAWW 310.1	07/26/07	7207142
	200	196	mg/L	98	1.0	MCAWW 310.1	07/26/07	7207142
						Dilution Factor: 1		
Total Organic Carbon						WO#: J3HR01AC-LCS/J3HR01AD-LCSD LCS Lot-Sample#: F7G240000-281		
	6.00	6.14	mg/L	102		SW846 9060	07/24/07	7205281
	6.00	6.13	mg/L	102	0.22	SW846 9060	07/24/07	7205281
						Dilution Factor: 1		
Total Organic Carbon						WO#: J3HR81AC-LCS/J3HR81AD-LCSD LCS Lot-Sample#: F7G240000-282		
	6.00	6.08	mg/L	101		SW846 9060	07/24/07	7205282
	6.00	6.12	mg/L	102	0.60	SW846 9060	07/24/07	7205282
						Dilution Factor: 1		

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL702

Matrix.....: WATER

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECVRY</u>	<u>RPD</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
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NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL702

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Phenol	200	223 N	ug/L	111	MCAWW 420.2	07/25-07/27/07	7205111
Work Order #: J3PCV1AC LCS Lot-Sample#: F7G240000-111 Dilution Factor: 1							
Total Cyanide	200	200	ug/L	100	SW846 9012	07/23-07/24/07	7204172
Work Order #: J3DN91AC LCS Lot-Sample#: F7G230000-172 Dilution Factor: 1							
Total Cyanide	400	401	ug/L	100	SW846 9012	07/23-07/24/07	7204172
Work Order #: J3DN91AD LCS Lot-Sample#: F7G230000-172 Dilution Factor: 1							
Total Sulfide	10.0	8.70	mg/L	87	SW846 9030	07/16/07	7197012
Work Order #: J20F81AC LCS Lot-Sample#: F7G160000-012 Dilution Factor: 1							
TOX	100	114	ug/L	114	SW846 9020B	08/02/07	7215096
Work Order #: J35FN1AC LCS Lot-Sample#: F7H030000-096 Dilution Factor: 1							
TOX	100	104	ug/L	104	SW846 9020B	08/03/07	7218057
Work Order #: J386F1AC LCS Lot-Sample#: F7H060000-057 Dilution Factor: 1							
TOX	100	103	ug/L	103	SW846 9020B	08/06/07	7219092
Work Order #: J4AJG1AC LCS Lot-Sample#: F7H070000-092 Dilution Factor: 1							

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL702

Matrix.....: WATER

Date Sampled...: 07/12/07

Date Received...: 07/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	13.4	20.0	36.3 N,D	mg/L	114	MCAWW 300.0A	07/18/07	7204077
Work Order #...: J24GT1AJ MS Lot-Sample #: F7G180203-001 Dilution Factor: 10								
Chloride	17.1	40.0	60.7 D, C	mg/L	109	MCAWW 300.0A	07/19/07	7204056
Work Order #...: J271P1AQ MS Lot-Sample #: F7G190478-003 Dilution Factor: 20								
Chloride	12.4	20.0	34.9 N,D	mg/L	113	MCAWW 300.0A	07/21/07	7205378
Work Order #...: J3E0X1AJ MS Lot-Sample #: F7G230215-004 Dilution Factor: 10								
Chloride	5.8	20.0	27.2 D, C	mg/L	107	MCAWW 300.0A	07/26/07	7208109
Work Order #...: J3MLP1AH MS Lot-Sample #: F7G260301-001 Dilution Factor: 10								
Fluoride	ND	2.00	2.59 N	mg/L	129	MCAWW 300.0A	07/18/07	7204078
Work Order #...: J24GT1AK MS Lot-Sample #: F7G180203-001 Dilution Factor: 1								
Fluoride	0.32	2.00	2.65 N	mg/L	117	MCAWW 300.0A	07/19/07	7204057
Work Order #...: J271P1AT MS Lot-Sample #: F7G190478-003 Dilution Factor: 1								
Fluoride	0.27	2.00	2.60 N	mg/L	116	MCAWW 300.0A	07/21/07	7205379
Work Order #...: J3E0X1AL MS Lot-Sample #: F7G230215-004 Dilution Factor: 1								
Fluoride	0.33	2.00	2.62 N	mg/L	114	MCAWW 300.0A	07/26/07	7208110
Work Order #...: J3MLP1AJ MS Lot-Sample #: F7G260301-001 Dilution Factor: 1								
Nitrate	21.9	20.0	44.1 N,D	mg/L	111	MCAWW 300.0A	07/18/07	7204081
Work Order #...: J24GT1AN MS Lot-Sample #: F7G180203-001 Dilution Factor: 50								
Nitrate	14.8	8.00	20.6 N,D	mg/L	73	MCAWW 300.0A	07/19/07	7204060
Work Order #...: J271P1A1 MS Lot-Sample #: F7G190478-003 Dilution Factor: 20								
Nitrate	3.6	0.400	8.34 N,D	mg/L	1190	MCAWW 300.0A	07/21/07	7205381
Work Order #...: J3E0X1AQ MS Lot-Sample #: F7G230215-004 Dilution Factor: 10								

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #....: SL702

Matrix.....: WATER

Date Sampled....: 07/12/07

Date Received...: 07/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Nitrate	1.4	4.00	5.55 D	mg/L	103	MCAWW 300.0A	07/26/07	7208113
Work Order #....: J3MLP1AM MS Lot-Sample #: F7G260301-001 Dilution Factor: 10								
Nitrite	ND	0.100	0.309 N	mg/L	309	MCAWW 300.0A	07/18/07	7204080
Work Order #....: J24GT1AM MS Lot-Sample #: F7G180203-001 Dilution Factor: 1								
Nitrite	ND	0.100	0.187 N	mg/L	187	MCAWW 300.0A	07/19/07	7204059
Work Order #....: J271P1AX MS Lot-Sample #: F7G190478-003 Dilution Factor: 1								
Nitrite	0.35	0.100	0.455	mg/L	107	MCAWW 300.0A	07/25/07	7207127
Work Order #....: J3E0X1AT MS Lot-Sample #: F7G230215-004 Dilution Factor: 1								
Nitrite	0.081	0.100	0.326 N	mg/L	244	MCAWW 300.0A	07/26/07	7208112
Work Order #....: J3MLP1AL MS Lot-Sample #: F7G260301-001 Dilution Factor: 1								
Nitrogen, as Ammonia	ND	500	569 N	ug/L	114	MCAWW 350.1	07/17/07	7198128
Work Order #....: J2VP11A3 MS Lot-Sample #: F7G130260-002 Dilution Factor: 1								
Phenol	ND	200	183	ug/L	92	MCAWW 420.2	07/25-07/27/07	7205111
Work Order #....: J2VP11AX MS Lot-Sample #: F7G130260-002 Dilution Factor: 1								
Phosphate as P, Ortho	ND	4.00	5.87 N	mg/L	147	MCAWW 300.0A	07/18/07	7204082
Work Order #....: J24GT1AP MS Lot-Sample #: F7G180203-001 Dilution Factor: 1								
Sulfate	77.2	40.0	124 N,D	mg/L	117	MCAWW 300.0A	07/18/07	7204079
Work Order #....: J24GT1AL MS Lot-Sample #: F7G180203-001 Dilution Factor: 10								
Sulfate	64.0	80.0	149 D	mg/L	106	MCAWW 300.0A	07/19/07	7204058
Work Order #....: J271P1AV MS Lot-Sample #: F7G190478-003 Dilution Factor: 20								
Sulfate	74.5	40.0	119 N,D	mg/L	112	MCAWW 300.0A	07/21/07	7205380
Work Order #....: J3E0X1AN MS Lot-Sample #: F7G230215-004 Dilution Factor: 10								

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #....: SL702

Matrix.....: WATER

Date Sampled....: 07/12/07

Date Received...: 07/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Sulfate	35.9	40.0	76.6 D	mg/L	102	MCAWW 300.0A	07/26/07	7208111
			Work Order #....: J3MLP1AK		MS Lot-Sample #: F7G260301-001			
			Dilution Factor: 10					
Total Alkalinity	128	100	222	mg/L	94	MCAWW 310.1	07/20/07	7201154
			Work Order #....: J271V1AM		MS Lot-Sample #: F7G190478-005			
			Dilution Factor: 1					
Total Alkalinity	104	100	201	mg/L	97	MCAWW 310.1	07/26/07	7207142
			Work Order #....: J3E0V1AK		MS Lot-Sample #: F7G230215-002			
			Dilution Factor: 1					
Total Cyanide	3990	200	3850 N,D	ug/L	0	SW846 9012	07/23-07/24/07	7204172
			Work Order #....: J274T1AJ		MS Lot-Sample #: F7G190487-001			
			Dilution Factor: 8					
Total Organic Carbon	ND	5.00	5.75	mg/L	115	SW846 9060	07/25/07	7205282
			Work Order #....: J2VP11A1		MS Lot-Sample #: F7G130260-002			
			Dilution Factor: 1					
Total Organic Carbon	ND	5.00	5.93	mg/L	119	SW846 9060	07/24/07	7205281
			Work Order #....: J22LM1AL		MS Lot-Sample #: F7G170250-002			
			Dilution Factor: 1					
Total Organic Carbon	ND	5.00	5.73	mg/L	115	SW846 9060	07/24/07	7205281
			Work Order #....: J24JL1AD		MS Lot-Sample #: F7G180212-005			
			Dilution Factor: 1					
Total Sulfide	ND	10.0	9.80	mg/L	98	SW846 9030	07/16/07	7197012
			Work Order #....: J2VP11A0		MS Lot-Sample #: F7G130260-002			
			Dilution Factor: 1					
TOX	70.6	100	174	ug/L	104	SW846 9020B	08/02/07	7215096
			Work Order #....: J22LM1AN		MS Lot-Sample #: F7G170250-002			
			Dilution Factor: 1					
TOX	277	100	368	ug/L	92	SW846 9020B	08/03/07	7218057
			Work Order #....: J24JR1AD		MS Lot-Sample #: F7G180212-003			
			Dilution Factor: 1					
TOX	20.4	100	115	ug/L	95	SW846 9020B	08/06-08/07/07	7219092
			Work Order #....: J24JL1AE		MS Lot-Sample #: F7G180212-005			
			Dilution Factor: 1					

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #....: SL702

Date Sampled....: 07/12/07

Date Received...: 07/13/07

Matrix.....: WATER

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

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SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: F7G120385

Work Order #....: J271V-SMP
J271V-DUP

Matrix.....: WATER

Date Sampled....: 07/18/07

Date Received...: 07/19/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Alkalinity	128	129	mg/L	0.78	(0-20)	SD Lot-Sample #: F7G190478-005 MCAWW 310.1	07/20/07	7201154

Dilution Factor: 1

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SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7G120385

Work Order #...: J271P-SMP
J271P-DUP

Matrix.....: WATER

Date Sampled...: 07/18/07

Date Received...: 07/19/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	17.1 C,D	14.4 D, C	mg/L	17	(0-20)	SD Lot-Sample #: F7G190478-003 MCAWW 300.0A	07/19/07	7204056
						Dilution Factor: 20		
Fluoride	0.32 N	0.37 N	mg/L	15	(0-20)	SD Lot-Sample #: F7G190478-003 MCAWW 300.0A	07/19/07	7204057
						Dilution Factor: 1		
Sulfate	64.0 D	63.5 D	mg/L	0.77	(0-20)	SD Lot-Sample #: F7G190478-003 MCAWW 300.0A	07/19/07	7204058
						Dilution Factor: 20		
Nitrite	ND	ND N	mg/L	0	(0-20)	SD Lot-Sample #: F7G190478-003 MCAWW 300.0A	07/19/07	7204059
						Dilution Factor: 1		
Nitrate	14.8 DN	11.0 DN	mg/L	29	(0-20)	SD Lot-Sample #: F7G190478-003 MCAWW 300.0A	07/19/07	7204060
						Dilution Factor: 20		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

D Result was obtained from the analysis of a dilution.

C Analyte detected in method blank above the MDL/IDL.

N Spiked analyte recovery is outside stated control limits.

DN Result obtained from dilution; spike sample recovery outside control limits.

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SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: F7G120385

Work Order #....: J24GT-SMP
J24GT-DUP

Matrix.....: WATER

Date Sampled....: 07/17/07

Date Received...: 07/18/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	13.4 DN	12.4 DN	mg/L	7.8	(0-20)	SD Lot-Sample #: F7G180203-001 MCAWW 300.0A	07/18/07	7204077
			Dilution Factor: 10					
Fluoride	ND	ND	mg/L	0	(0-20)	SD Lot-Sample #: F7G180203-001 MCAWW 300.0A	07/18/07	7204078
			Dilution Factor: 1					
Sulfate	77.2 DN	77.8 DN	mg/L	0.82	(0-20)	SD Lot-Sample #: F7G180203-001 MCAWW 300.0A	07/18/07	7204079
			Dilution Factor: 10					
Nitrite	ND	ND N	mg/L	0	(0-20)	SD Lot-Sample #: F7G180203-001 MCAWW 300.0A	07/18/07	7204080
			Dilution Factor: 1					
Nitrate	21.9 DN	21.9 DN	mg/L	0.16	(0-20)	SD Lot-Sample #: F7G180203-001 MCAWW 300.0A	07/18/07	7204081
			Dilution Factor: 50					
Phosphate as P, Ortho	ND	0.51 N	mg/L	200	(0-20)	SD Lot-Sample #: F7G180203-001 MCAWW 300.0A	07/18/07	7204082
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

DN Result obtained from dilution; spike sample recovery outside control limits.

N Spiked analyte recovery is outside stated control limits.

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SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7G120385

Work Order #...: J2VP1-SMP
J2VP1-DUP

Matrix.....: WATER

Date Sampled...: 07/12/07

Date Received...: 07/13/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Phenol						SD Lot-Sample #: F7G130260-002		
	ND	ND	ug/L	0	(0-20)	MCAWW 420.2	07/25-07/27/07	7205111
			Dilution Factor: 1					
Total Sulfide						SD Lot-Sample #: F7G130260-002		
	ND	ND	mg/L	0	(0-20)	SW846 9030	07/16/07	7197012
			Dilution Factor: 1					
Total Organic Carbon						SD Lot-Sample #: F7G130260-002		
	ND	ND	mg/L	0	(0-20)	SW846 9060	07/25/07	7205282
			Dilution Factor: 1					
Nitrogen, as Ammonia						SD Lot-Sample #: F7G130260-002		
	ND	ND	ug/L	0	(0-20)	MCAWW 350.1	07/17/07	7198128
			Dilution Factor: 1					

General Chemistry

Matrix.....: WATER

Date Received..: 07/17/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon						SD Lot-Sample #:	F7G170250-002	
ND		ND	mg/L	0	(0-20)	SW846 9060	07/24/07	7205281
			Dilution Factor: 1					
TOX						SD Lot-Sample #:	F7G170250-002	
70.6		69.8	ug/L	1.2	(0-20)	SW846 9020B	08/02/07	7215096
			Dilution Factor: 1					

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SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: F7G120385

Work Order #....: J3E0X-SMP
J3E0X-DUP

Matrix.....: WATER

Date Sampled....: 07/20/07

Date Received...: 07/21/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD RPD	LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride	12.4 DN	12.6 DN	mg/L	1.5	(0-20)	SD Lot-Sample #: F7G230215-004 MCAWW 300.0A	07/21/07	7205378
			Dilution Factor: 10					
Fluoride	0.27	0.27	mg/L	0.24	(0-20)	SD Lot-Sample #: F7G230215-004 MCAWW 300.0A	07/21/07	7205379
			Dilution Factor: 1					
Sulfate	74.5 DN	73.9 DN	mg/L	0.82	(0-20)	SD Lot-Sample #: F7G230215-004 MCAWW 300.0A	07/21/07	7205380
			Dilution Factor: 10					
Nitrite	0.35	ND	mg/L	200	(0-20)	SD Lot-Sample #: F7G230215-004 MCAWW 300.0A	07/25/07	7207127
			Dilution Factor: 1					
Nitrate	3.6 DN	3.5 DN	mg/L	1.2	(0-20)	SD Lot-Sample #: F7G230215-004 MCAWW 300.0A	07/21/07	7205381
			Dilution Factor: 10					

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

DN Result obtained from dilution; spike sample recovery outside control limits.

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SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7G120385

Work Order #...: J3E0V-SMP
J3E0V-DUP

Matrix.....: WATER

Date Sampled...: 07/20/07

Date Received...: 07/21/07

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE RESULT</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD LIMIT</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Alkalinity						SD Lot-Sample #: F7G230215-002		
	104	103	mg/L	0.97	(0-20)	MCAWW 310.1	07/26/07	7207142

Dilution Factor: 1

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SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: F7G120385

Work Order #....: J3MLP-SMP
J3MLP-DUP

Matrix.....: WATER

Date Sampled....: 07/25/07

Date Received...: 07/26/07

PARAM RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Chloride					SD Lot-Sample #: F7G260301-001		
5.8 C,D	5.9 D	mg/L	1.0	(0-20)	MCAWW 300.0A	07/26/07	7208109
		Dilution Factor: 10					
Fluoride					SD Lot-Sample #: F7G260301-001		
0.33 N	0.36 N	mg/L	10	(0-20)	MCAWW 300.0A	07/26/07	7208110
		Dilution Factor: 1					
Sulfate					SD Lot-Sample #: F7G260301-001		
35.9 D	35.3 D	mg/L	1.7	(0-20)	MCAWW 300.0A	07/26/07	7208111
		Dilution Factor: 10					
Nitrite					SD Lot-Sample #: F7G260301-001		
0.081 N	ND N	mg/L	200	(0-20)	MCAWW 300.0A	07/26/07	7208112
		Dilution Factor: 1					
Nitrate					SD Lot-Sample #: F7G260301-001		
1.4 D	1.4 D	mg/L	2.5	(0-20)	MCAWW 300.0A	07/26/07	7208113
		Dilution Factor: 10					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

D Result was obtained from the analysis of a dilution.

C Analyte detected in method blank above the MDL/IDL.

N Spiked analyte recovery is outside stated control limits.

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SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: F7G120385

Work Order #....: J24JE-SMP
J24JE-DUP

Matrix.....: WATER

Date Sampled....: 07/17/07

Date Received...: 07/18/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
TOX	277 C	283 C	ug/L	2.1	(0-20)	SD Lot-Sample #: F7G180212-003 SW846 9020B	08/03/07	7218057

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

C Analyte detected in method blank above the MDL/IDL.

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SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: F7G120385

Work Order #....: J24JL-SMP
J24JL-DUP

Matrix.....: WATER

Date Sampled....: 07/17/07

Date Received...: 07/18/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
TOX	20.4	16.1	ug/L	24	(0-20)	SD Lot-Sample #: F7G180212-005 SW846 9020B	08/06/07	7219092

Dilution Factor: 1